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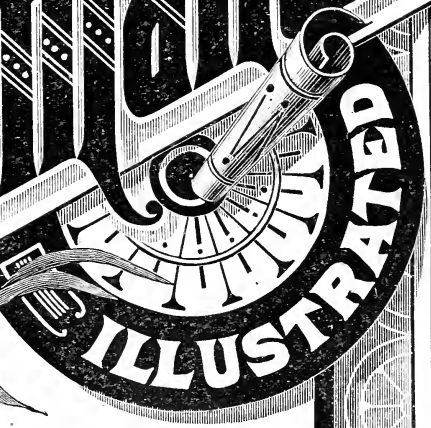
THE

RECORD

ALMANAC



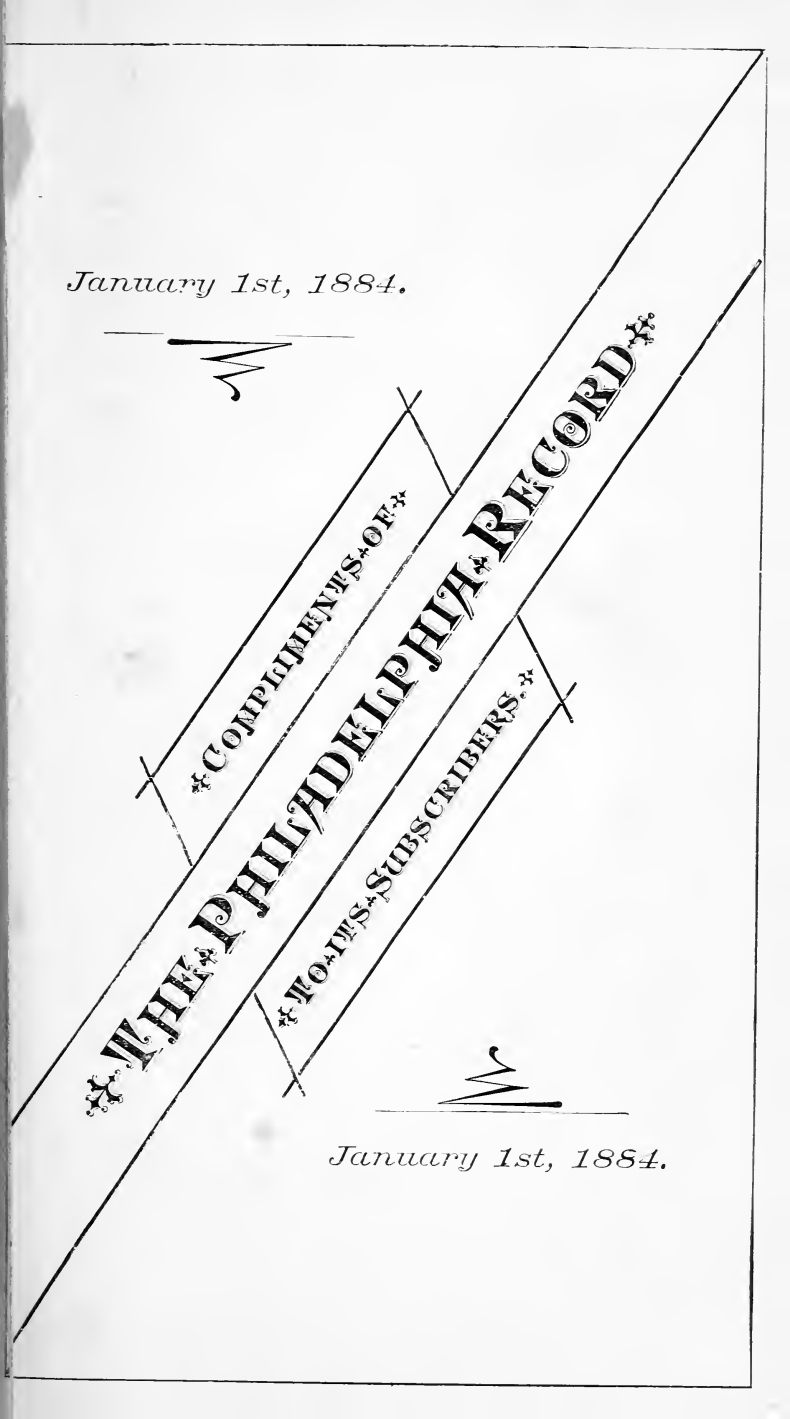
ILLUSTRATED

PUBLISHED BY THE

PHILADELPHIA RECORD

1884

January 1st, 1884.



January 1st, 1884.

The Philadelphia Record.

THE RECORD is the pioneer newspaper in the United States in publishing from day to day the current news, local and general, for a price which places it within the reach of everybody. It has had many imitators, but has no equal.

THE RECORD is published every day, and sent, postage free, to any part of the United States, for Four Dollars per year, payable in advance. Exclusive of the Sunday issue the price is Three Dollars per year, or thirty cents per month.

To subscribers in Philadelphia or its suburbs THE RECORD is delivered at eight cents per week, or without the SUNDAY RECORD at six cents per week, payable to the carrier.

The Saturday RECORD or the SUNDAY RECORD will be sent by mail, separately, to subscribers for One Dollar per year, free of postage.

THE RECORD contains the Associated Press news from all parts of the world, and special correspondence from all important points. Full market reports, both foreign and domestic, are a specialty. Able financial articles, correct local reports and fearless editorials on all important topics are features of the paper.

On Saturday a double sheet is published, and on that day columns are devoted to agriculture, science, household knowledge, the fashions, sports, and other valuable and interesting reading matter.

In addition to accurate reports of occurrences, local, domestic and foreign, the SUNDAY RECORD gives prominence to sporting events and dramatic matters.

The circulation of THE RECORD (exceeding that of any of its daily contemporaries, and larger than that of any other newspaper in the United States with the exception of the *New York Sun*) makes it an invaluable medium for advertising. As a matter of business fairness and propriety, it publishes for the benefit of advertisers a daily statement of its circulation, so that the wayfarer, though a fool, need not make any mistakes.

THE RECORD makes its own paper; is printed in its own office; and has in use four of Hoe's Perfecting Presses with the latest improvements, capable of turning out 100,000 folded papers every hour. It is in every sense a complete, an independent, and a prosperous journal.

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THE PHILADELPHIA RECORD,

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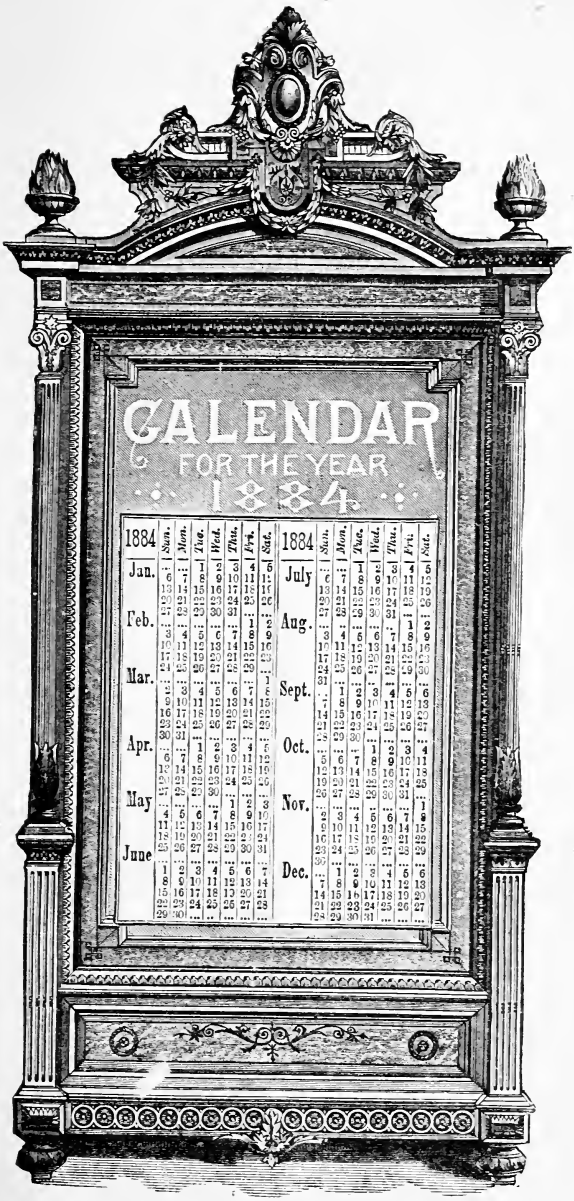
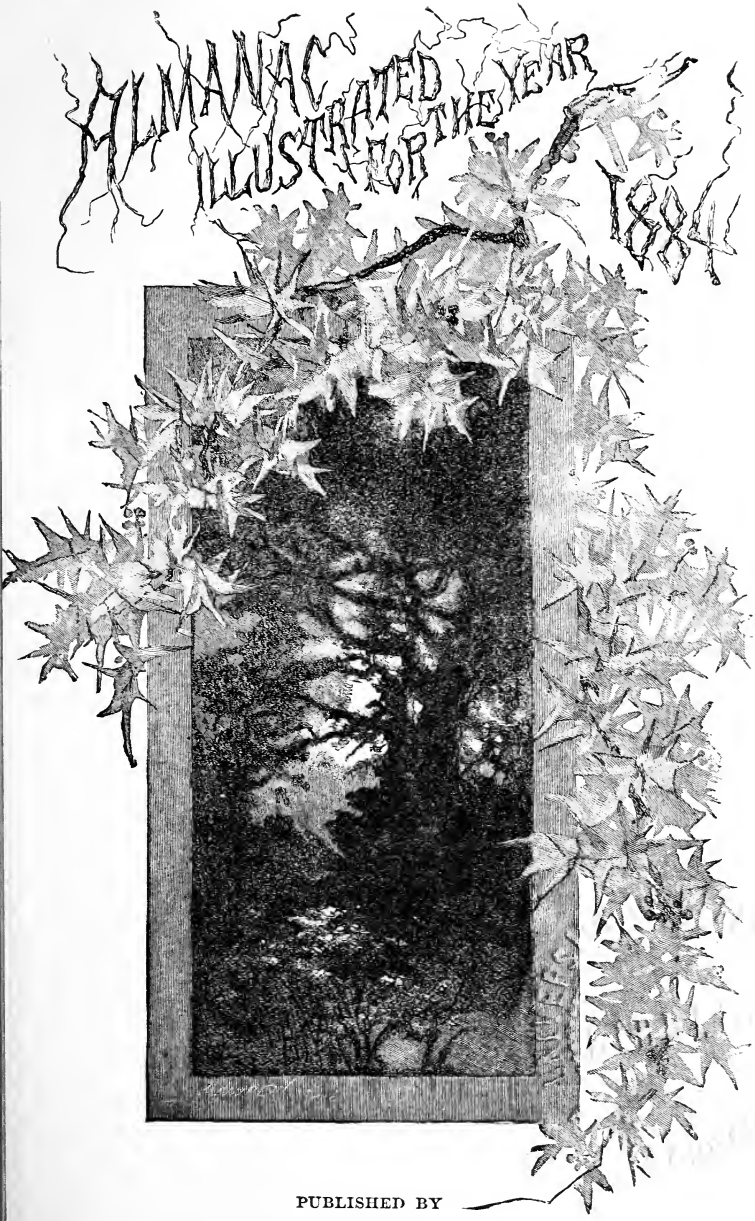


1884	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
Jan.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	...	...
Feb.	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	...
Mar.	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	...	...	...	...	...
Apr.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	...	...	...
May	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
June	...	...	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	...	...	...	...	...

1884	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
July	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	...	...
Aug.	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...
Sept.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	...	...	...	...
Oct.	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	...
Nov.	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	...	...	...	...	...	...
Dec.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	...	...	...

SPANISH GIRL.

ILLUSTRATED ALMANAC FOR THE YEAR 1884



PUBLISHED BY
THE PHILADELPHIA RECORD.

1st Month. ✣JANUARY✣ 31 Days.

Moon's Per., 9d. 11.6h. mo.
Moon's Apo., 21d. 6.2h mo.

D. of W.	P. M.	D. of W.	Sun at Noon Mark. H	M	S	Boston, New England, New York, Mich., Wis., Iowa and Oregon. Sun rises. H	M	Sun sets H	M	Moon sets. H	M	N. Y. City, Phila., Conn., N. J., Pa., Ohio, Ind. and Ills. Sun rises. H	M	Sun sets. H	M	Moon sets. H	M	Washington, Md., Virginia, Kentucky, Missouri and Cal. Sun rises. H	M	Sun sets. H	M	Moon sets. H	M
1	1	T	12	3	44	7	30	4	38	8	14	7	24	4	43	8	16	7	19	4	49	8	19
2	2	W	12	4	13	7	30	4	39	9	19	7	24	4	44	9	20	7	19	4	49	9	22
3	3	T	12	4	41	7	30	4	40	10	25	7	24	4	45	10	26	7	19	4	50	10	26
4	4	F	12	5	8	7	30	4	41	11	32	7	24	4	46	11	31	7	19	4	51	11	31
5	5	S	12	5	35	7	30	4	41	morn		7	24	4	47	morn.		7	19	4	52	morn	
6	6	S	12	6	2	7	30	4	42	0	39	7	24	4	48	0	40	7	19	4	53	0	38
7	7	M	12	6	28	7	30	4	43	1	52	7	24	4	49	1	48	7	19	4	54	1	47
8	8	T	12	6	54	7	29	4	45	3	0	7	24	4	50	2	57	7	19	4	55	2	54
9	9	W	12	7	19	7	29	4	46	4	9	7	24	4	51	4	5	7	19	4	56	4	1
10	10	T	12	7	43	7	29	4	47	5	12	7	24	4	52	5	8	7	19	4	57	5	4
11	11	F	12	8	7	7	29	4	48	6	10	7	24	4	53	6	6	7	19	4	58	6	2
12	12	S	12	8	30	7	28	4	49	rises.		7	23	4	54	rises.		7	18	4	59	rises.	
13	13	S	12	8	53	7	28	4	50	6	27	7	23	4	55	6	30	7	18	5	0	6	34
14	14	M	12	9	15	7	28	4	51	7	35	7	23	4	56	7	36	7	18	5	1	7	39
15	15	T	12	9	37	7	27	4	52	8	38	7	22	4	57	8	39	7	17	5	2	8	41
16	16	W	12	9	57	7	27	4	53	9	40	7	22	4	58	9	40	7	17	5	2	9	41
17	17	T	12	10	18	7	26	4	55	10	40	7	22	4	59	10	40	7	17	5	4	10	39
18	18	F	12	10	37	7	26	4	56	11	39	7	21	5	0	11	38	7	16	5	5	11	36
19	19	S	12	10	56	7	25	4	57	morn		7	20	5	1	morn.		7	16	5	6	morn.	
20	20	S	12	11	14	7	24	4	58	0	37	7	20	5	3	0	35	7	15	5	7	0	32
21	21	M	12	11	31	7	24	4	59	1	34	7	19	5	4	1	31	7	15	5	8	1	28
22	22	T	12	11	47	7	23	5	1	2	29	7	19	5	5	2	26	7	14	5	9	2	22
23	23	W	12	12	3	7	22	5	2	3	23	7	18	5	6	3	20	7	14	5	11	3	16
24	24	T	12	12	18	7	21	5	3	4	16	7	17	5	7	4	11	7	13	5	12	4	7
25	25	F	12	12	32	7	21	5	4	5	4	7	17	5	9	5	0	7	12	5	13	4	56
26	26	S	12	12	46	7	20	5	6	5	50	7	16	5	10	5	46	7	12	5	14	5	42
27	27	S	12	12	58	7	19	5	7	sets.		7	15	5	11	sets.		7	11	5	15	sets.	
28	28	M	12	13	10	7	18	5	8	6	2	7	14	5	12	6	5	7	10	5	16	6	8
29	29	T	12	13	21	7	17	5	10	7	8	7	13	5	13	7	10	7	9	5	17	7	12
30	30	W	12	13	31	7	16	5	11	8	15	7	12	5	15	8	16	7	8	5	19	8	17
31	31	T	12	13	40	7	15	5	12	9	24	7	12	5	16	9	24	7	8	5	20	9	24

MOON'S PHASES.

	D.	Boston.	New York.	Washington.	Chicago.
First Quarter	5	4 h. 43 m. E.	4 h. 39 m. E.	4 h. 27 m. E.	3 h. 45 m. E.
Full Moon	13	0 h. 52 m. M.	0 h. 48 m. M.	0 h. 36 m. M.	0 h. 24 m. M.
Third Quarter	20	0 h. 39 m. M.	0 h. 35 m. M.	0 h. 23 m. M.	0 h. 11 m. M.
New Moon	28	0 h. 17 m. M.	0 h. 13 m. M.	27d. 11 h. 53 m. E.	27d. 11 h. 13 m. E.

WINTER SPORT.

The following is a record of the earliest and latest snows during the past ten years:

Winter of	*Earliest.*	*Latest.*
1872-1873	Nov. 16	April 21
1873-1874	Oct. 28	April 20
1874-1875	Nov. 20	April 24
1875-1876	Oct. 31	March 25
1876-1877	Oct. 15	March 28
1877-1878	Jan. 4	March 25
1878-1879	Nov. 6	March 17
1879-1880	Nov. 5	April 7
1880-1881	Nov. 24	March 31
1881-1882	Nov. 23	April 11

Moon's Per., 4d. 3h. 9m. ev Moon's Apo., 18d. 3h. 2m. mo			Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon.			N. Y. City, Phila. Conn., N. J., Penn., Ohio, Ind. and Ills.			Washington, Md., Virginia, Kentucky, Missouri and Cal.		
D. Y.	D. W.	D. M.		Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
32	1	F	12 13 49	7 14	5 13	10 33	7 11	5 17	10 32	7 7	5 21	10 31
33	2	S	12 13 56	7 13	5 15	11 42	7 10	5 18	11 40	7 6	5 22	11 38
34	3	☽	12 14 3	7 12	5 16	morn.	7 9	5 20	morn.	7 5	5 23	morn.
35	4	M	12 14 9	7 11	5 17	0 51	7 8	5 21	0 48	7 4	5 24	0 45
36	5	T	12 14 14	7 10	5 19	1 57	7 7	5 22	1 54	7 3	5 26	1 50
37	6	W	12 14 19	7 9	5 20	3 1	7 5	5 23	2 57	7 2	5 27	2 53
38	7	T	12 14 22	7 7	5 21	4 0	7 4	5 25	3 56	7 1	5 28	3 52
39	8	F	12 14 25	7 6	5 23	4 52	7 3	5 26	4 48	7 0	5 29	4 45
40	9	S	12 14 26	7 5	5 24	5 38	7 2	5 27	5 35	6 59	5 30	5 32
41	10	☾	12 14 27	7 4	5 25	rises	7 1	5 28	rises.	6 58	5 31	rises.
42	11	M	12 14 28	7 3	5 27	6 20	7 0	5 29	6 22	6 57	5 32	6 24
43	12	T	12 14 27	7 1	5 28	7 23	6 58	5 31	7 24	6 55	5 34	7 25
44	13	W	12 14 26	7 0	5 29	8 25	6 57	5 32	8 25	6 54	5 35	8 25
45	14	T	12 14 24	6 58	5 30	9 26	6 56	5 33	9 24	6 53	5 36	9 23
46	15	F	12 14 21	6 57	5 32	10 24	6 55	5 34	10 22	6 52	5 37	10 20
47	16	S	12 14 18	6 56	5 33	11 21	6 53	5 35	11 19	6 51	5 38	11 16
48	17	☽	12 14 14	6 54	5 34	morn.	6 52	5 37	morn.	6 49	5 39	morn.
49	18	M	12 14 9	6 53	5 35	0 18	6 50	5 38	0 14	6 48	5 40	0 11
50	19	T	12 14 3	6 51	5 37	1 12	6 49	5 39	1 9	6 47	5 41	1 5
51	20	W	12 13 57	6 50	5 38	2 5	6 48	5 40	2 1	6 45	5 43	1 57
52	21	T	12 13 50	6 48	5 39	2 55	6 46	5 41	2 51	6 44	5 44	2 46
53	22	F	12 13 43	6 47	5 41	3 41	6 45	5 42	3 38	6 43	5 45	3 34
54	23	S	12 13 35	6 45	5 42	4 25	6 43	5 43	4 21	6 41	5 46	4 18
55	24	☾	12 13 26	6 44	5 43	5 5	6 42	5 44	5 2	6 40	5 47	4 59
56	25	M	12 13 17	6 42	5 44	5 42	6 41	5 46	5 40	6 39	5 48	5 38
57	26	T	12 13 7	6 41	5 45	sets.	6 39	5 47	sets.	6 37	5 49	sets.
58	27	W	12 12 57	6 39	5 47	7 10	6 38	5 48	7 9	6 36	5 50	7 10
59	28	T	12 12 46	6 38	5 48	8 19	6 36	5 50	8 18	6 34	5 51	8 18
60	29	F	12 12 34	6 36	5 49	9 30	6 34	5 51	9 29	6 33	5 52	9 27

MOON'S PHASES.	D.	BOSTON.	NEW YORK.	WASHINGTON.	CHICAGO.
First Quarter.....	4	1h. 13m. M.	1h. 3m. M.	0h. 49m. M.	0h. 7m. M.
Full Moon.....	11	6h. 2m. E.	5h. 52m. E.	5h. 41m. E.	5h. 58m. E.
Third Quarter.....	18	10h. 16m. E.	10h. 6m. E.	10h. 5m. E.	10h. 23m. E.
New Moon.....	26	1h. 51m. E.	1h. 39m. E.	1h. 27m. M.	0h. 45m. E.

A GEM FOR EVERY MONTH.

JANUARY.

By her who in this month is born
No gems save Garnets should be worn;
They will insure her constancy,
True friendship and fidelity.

FEBRUARY.

The February born will find
Sincerity and peace of mind;
Freedom from passion and from care,
If they the Amethyst will wear.

MARCH.

Who on this world of ours their eyes
In March first open, shall be wise;
In days of peril firm and brave,
And wear a Bloodstone to their grave.

APRIL.

She who from April dates her years
Diamonds should wear, lest bitter tears
For vain repentance flow; this stone
Emblem of innocence is known.

MAY.

Who first beholds the light of day
In Spring's sweet flowery month of May,
And wears an Emerald all her life,
Shall be a loved and happy wife.

JUNE.

Who comes with Summer to this earth,
And owes to June her day of birth,
With ring of Agate on her hand,
Can health, wealth and long life command.

JULY.

The glowing ruby should adorn
Those who in warm July are born;
Then will they be exempt and free
From love's doubts and anxiety.

AUGUST.

Wear a Sardonyx, or for thee
No conjugal felicity.
The August born, without this stone,
'Tis said, must live unloved and lone.

SEPTEMBER.

A maiden born when Autumn leaves
Are rustling in September's breeze,
A Sapphire on her brow should bind,
'Twill cure diseases of the mind.

OCTOBER.

October's child is born for woe,
And life's vicissitudes must know;
But lay an opal on her breast,
And hope will lull those words to rest.

NOVEMBER.

Who first comes to this world below
With drear November's fog and snow,
Should prize the Topaz's amber hue—
Emblem of friends and lovers true.

DECEMBER.

If cold December gave you birth,
The month of snow and ice and mirth,
Place on your hand a Turquoise blue—
Success will bless whate'er you do.

Moon's Per., 1d. 0.9h. mo.
Moon's Apo., 16d. 11.3h. ev.
Moon's Per., 28d. 8.3h. ev.

Y. D.	M. D.	W. D.	Sun at Noon Mark. H M S
61	1	S	12 12 22
62	2	S	12 12 10
63	3	M	12 11 57
64	4	T	12 11 43
65	5	W	12 11 29
66	6	T	12 11 15
67	7	F	12 11 0
68	8	S	12 10 45
69	9	S	12 10 29
70	10	M	12 10 14
71	11	T	12 9 57
72	12	W	12 9 41
73	13	T	12 9 24
74	14	F	12 9 7
75	15	S	12 8 50
76	16	S	12 8 32
77	17	M	12 8 15
78	18	T	12 7 57
79	19	W	12 7 39
80	20	T	12 7 21
81	21	F	12 7 3
82	22	S	12 6 45
83	23	S	12 6 26
84	24	M	12 6 8
85	25	T	12 5 50
86	26	W	12 5 31
87	27	T	12 5 13
88	28	F	12 4 55
89	29	S	12 4 36
90	30	S	12 4 18
91	31	M	13 4 0

Boston, New England, New York, Mich., Wis., Iowa and Oregon.		
Sun rises.	Sun sets.	Moon sets.
H M	H M	H M
6 34	5 50	10 41
6 33	5 52	11 50
6 31	5 53	morn.
6 30	5 54	0 55
6 28	5 55	1 55
6 26	5 56	2 48
6 25	5 58	3 35
6 23	6 59	4 16
6 21	6 0	4 53
6 20	6 1	5 26
6 18	6 2	rises
6 16	6 3	7 12
6 15	6 4	8 12
6 13	6 6	9 10
6 11	6 7	10 7
6 9	6 8	11 2
6 7	6 9	11 55
6 6	6 10	morn.
6 4	6 11	0 46
6 2	6 13	1 33
6 0	6 14	2 17
5 59	6 15	2 58
5 57	6 16	3 35
5 55	6 17	4 11
5 53	6 18	4 46
5 52	6 19	5 20
5 50	6 21	sets.
5 48	6 22	8 23
5 47	6 23	9 35
5 45	6 24	10 44
5 43	6 25	11 48

N. Y. City, Phila. Conn., N. J., Penn., Ohio, Ind. and Ills.		
Sun rises.	Sun sets.	Moon sets.
H M	H M	H M
6 33	5 52	10 38
6 31	5 53	11 46
6 30	5 54	morn.
6 28	5 55	0 51
6 27	5 56	1 50
6 25	5 57	2 44
6 24	5 58	3 32
6 22	5 59	4 14
6 21	6 0	4 51
6 19	6 1	5 25
6 18	6 2	rises.
6 16	6 4	7 12
6 14	6 5	8 10
6 12	6 6	9 8
6 11	6 7	10 4
6 9	6 8	10 59
6 7	6 9	11 51
6 6	6 10	morn.
6 4	6 11	0 42
6 2	6 12	1 29
6 1	6 14	2 13
5 59	6 15	2 55
5 57	6 16	3 33
5 56	6 17	4 10
5 54	6 18	4 45
5 52	6 19	5 21
5 51	6 20	sets.
5 49	6 21	8 21
5 47	6 22	9 32
5 46	6 23	10 40
5 44	6 24	11 44

Washington, Md., Virginia, Kentucky, Missouri and Cal.		
Sun rises.	Sun sets.	Moon sets.
H M	H M	H M
6 32	5 53	10 26
6 30	5 54	11 43
6 29	5 55	morn.
6 27	5 56	0 47
6 26	5 57	1 46
6 24	5 58	2 40
6 23	5 59	3 28
6 21	6 0	4 11
6 20	6 1	4 48
6 18	6 2	5 24
6 17	6 3	rises.
6 15	6 4	7 11
6 14	6 5	8 9
6 12	6 6	9 6
6 10	6 7	10 1
6 9	6 8	10 55
6 7	6 9	11 47
6 6	6 10	morn.
6 4	6 11	0 38
6 2	6 12	1 25
6 1	6 13	2 10
5 59	6 14	2 52
5 58	6 15	3 31
5 56	6 16	4 8
5 55	6 17	4 45
5 53	6 18	5 21
5 54	6 19	sets.
5 50	6 20	8 19
5 48	6 21	9 29
5 47	6 22	10 37
5 45	6 23	11 40

MOON'S PHASES.	D.	Boston.	New York.	Washington.	Chicago.
First Quarter	4	8 h. 49 m. M.	8 h. 37 m. M.	8 h. 25 m. E.	7 h. 43 m. M.
Full Moon	11	2 h. 56 m. E.	2 h. 44 m. E.	2 h. 32 m. E.	1 h. 50 m. E.
Third Quarter	19	6 h. 29 m. E.	6 h. 17 m. E.	6 h. 5 m. E.	5 h. 23 m. E.
New Moon	27	1 h. 3 m. M.	0 h. 51 m. M.	0 h. 39 m. M.	11 h. 57 m. E.

ASTRONOMICAL PHENOMENA, Etc., 1884.

ECLIPSES.

In the year 1884 there will be five Eclipses, three of the Sun, and two of the Moon.

I. A Partial Eclipse of the Sun, on the morning of March 27, invisible on the American continent.

II. A Total Eclipse of the Moon, on the morning of April 10, visible throughout the United States

III. A Partial Eclipse of the Sun, on April 25, invisible in North America.

VISIBLE AT	DIFFERENCES FROM WASHINGTON TIME.	BEGINS.	MIDDLE.	END.
Washington, D. C	....	4h. 44m. mo.	6h. 38m. mo.	7h. 25m. mo.
New York city	12m. fast.	4h. 56m. mo.	6h. 50 m. mo	7h. 37m. mo.
Boston	24m. "	5h. 8m. mo.	7h. 2m. mo.	7h. 49m. mo.
Charleston. S. C	12m. "	4h. 32m. mo.	6h. 26m. mo.	7h. 13m. mo.
Chicago, Ill	42m. slow.	4h. 2m. mo.	5h. 56m. mo.	6h. 43m. mo.
San Francisco, Cal	3h. 1m. "	1h. 43m. mo.	3h. 37m. mo.	4h. 24m. mo.

IV. A Total Eclipse of the Moon on the evening of October 4, visible in Europe. Asia, Africa, and the Atlantic Ocean: and later phases visible in the eastern part of America, *i. e.*, those places where the Moon rises before the end of the Eclipse.

CHRONOLOGICAL CYCLES.

Dominical Letters	F and E	Roman Indiction	12
Epact	8	Julian Period	6597
Golden Number	4	Dionysian Period	213
Solar Cycle	17	Jewish Lunar	1

MOVABLE FEASTS, Etc.

Septuagesima Sunday	Feb. 10	Easter Sunday	April 13
Sexagesima "	" 17	Low "	" 20
Quinquagesima "	" 24	Rogation "	May 18
Ash Wednesday	" 27	Ascension Day	" 22
Quadragesima Sunday	March 2	Whit Sunday	June 1
Mid-Lent	" 23	Trinity Sunday	" 8
Palm Sunday	April 6	Corpus Christi	" 12
Good Friday	" 11	Advent Sunday	Nov. 30

EMBER DAYS.

1. Wednesday, Friday and Saturday after first Sunday in Lent, March 5th, 7th, 8th.
2. Wednesday, Friday and Saturday after Pentecost, June 4th, 6th 7th.
3. Wednesday, Friday and Saturday after September 14th, 17th, 19th, 20th.
4. Wednesday, Friday and Saturday after third Sunday in Advent, December 14th, 17th, 19th, 20th.

PLANETS REGARDED AS MORNING AND EVENING STARS.

Morning Stars: Mercury, from January 20 to March 30, and from May 17 to July 13, and from September 19 to November 4.

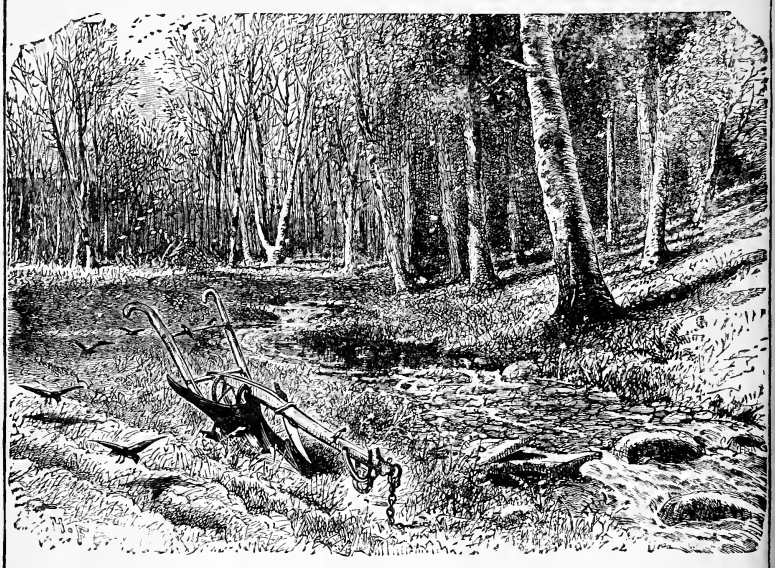
Venus, from July 11 to the end of the year.

Evening Stars: Mercury, until January 20, and from March 30 to May 17, and from July 13 to September 19 and from November 4 to the end of the year.

Venus, until July 11.

THE FOUR SEASONS, FOR WASHINGTON MEAN TIME.

Winter begins,	1883, December 21,	10 h. 44 m.	evening, and lasts		89 d. 0 h. 53 m.
Spring "	1884, March 19,	11 h. 37 m.	" " "		92 d. 20 h. 14 m.
Summer "	1884, June 20,	7 h. 51 m.	" " "		93 d. 14 h. 21 m
Autumn "	1884, September 22,	10 h. 12 m.	morning " "		89 d. 18 h. 13 m.
Winter "	1884, December 21,	4 h. 25 m.	Tropical year		365 d. 5 h. 41 m.



Moon's Apo., 13d. 1h. 5m. ev
Moon's Per., 26d. 3h. 7m. mo

D.	W. d.	W. D.	Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon.			N. Y. City, Phila., Conn., N. J., Penn., Ohio, Ind. and Ills.			Washington, Md., Virginia, Kentucky, Missouri and Cal.			MOON'S PHASES.	D.	Boston.	New York.	Washington.	Chicago.
			H M S	Sun rises	Sun sets	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.						
				H M	H M	H M	H M	H M	H M	H M	H M	H M						
92	1	T	12 3 42	5 41	6 26	morn.	5 42	6 25	morn.	5 44	6 24	morn.	First Quarter	2	4 h. 39 m. E.	4 h. 21 m. E.	4 h. 9 m. E.	3 h. 27 m. E.
93	2	W	12 3 24	5 40	6 27	0 42	5 41	6 26	0 40	5 42	6 25	0 36	Full Moon	10	10 h. 13 m. M.	9 h. 56 m. M.	9 h. 49 m. M.	9 h. 7 m. M.
94	3	T	12 3 6	5 38	6 28	1 34	5 39	6 27	1 30	5 40	6 26	1 27	Third Quarter	18	11 h. 11 m. M.	10 h. 56 m. M.	10 h. 49 m. M.	10 h. 7 m. M.
95	4	F	12 2 48	5 36	6 30	2 16	5 37	6 28	2 14	5 39	6 27	2 11	New Moon	25	4 h. 33 m. M.	4 h. 21 m. M.	4 h. 9 m. M.	3 h. 27 m. M.
96	5	S	12 2 31	5 34	6 31	2 55	5 36	6 29	2 52	5 37	6 28	2 50						
97	6	S	12 2 14	5 33	6 32	3 27	5 34	6 30	3 26	5 36	6 29	3 25						
98	7	M	12 1 56	5 31	6 33	3 58	5 33	6 31	3 58	5 34	6 30	3 58						
99	8	T	12 1 40	5 29	6 34	4 28	5 31	6 32	4 29	5 33	6 31	4 29						
100	9	W	12 1 23	5 28	6 35	4 57	5 29	6 33	4 59	5 31	6 32	5 0						
101	10	T	12 1 6	5 26	6 36	rises.	5 28	6 34	rises	5 30	6 33	rises						
102	11	F	12 0 50	5 24	6 37	7 58	5 26	6 35	7 56	5 28	6 33	7 54						
103	12	S	12 0 35	5 23	6 39	8 54	5 25	6 37	8 51	5 27	6 34	8 48						
104	13	S	12 0 19	5 21	6 40	9 48	5 23	6 38	9 44	5 25	6 35	9 41						
105	14	M	12 0 4	5 19	6 41	10 40	5 22	6 39	10 36	5 24	6 36	10 32						
106	15	T	11 59 49	5 18	6 42	11 28	5 20	6 40	11 24	5 22	6 37	11 20						
107	16	W	11 59 35	5 16	6 43	morn.	6 19	6 41	morn.	5 21	6 38	morn.						
108	17	T	11 59 21	5 15	6 44	0 12	5 17	6 42	0 9	5 20	6 39	0 5						
109	18	F	11 59 7	5 13	6 45	0 53	5 16	6 43	0 50	5 18	6 40	0 47						
110	19	S	11 58 54	5 12	6 46	1 31	5 14	6 44	1 29	5 17	6 41	1 26						
111	20	S	11 58 41	5 10	6 47	2 7	5 13	6 45	2 5	5 15	6 42	2 3						
112	21	M	11 58 29	5 8	6 49	2 41	5 11	6 46	2 40	5 14	6 43	2 39						
113	22	T	11 58 17	5 7	6 50	3 14	5 10	6 47	3 14	5 13	6 44	3 14						
114	23	W	11 58 6	5 5	6 51	3 49	5 8	6 48	3 50	5 11	6 45	3 51						
115	24	T	11 57 55	5 4	6 52	4 25	5 7	6 49	4 27	5 10	6 46	4 29						
116	25	F	11 57 45	5 2	6 53	sets.	5 6	6 50	sets.	5 9	6 47	sets.						
117	26	S	11 57 35	5 1	6 54	8 24	5 4	6 51	8 21	5 7	6 48	8 18						
118	27	S	11 57 26	5 0	6 55	9 33	5 3	6 52	9 29	5 6	6 49	9 25						
119	28	M	11 57 17	4 58	6 56	10 35	5 2	6 53	10 31	5 5	6 50	10 27						
120	29	T	11 57 8	4 57	6 58	11 30	5 0	6 54	11 25	5 3	6 51	11 21						
121	30	W	11 57 1	4 55	6 59	morn.	4 59	6 55	morn.	5 2	6 52	morn.						

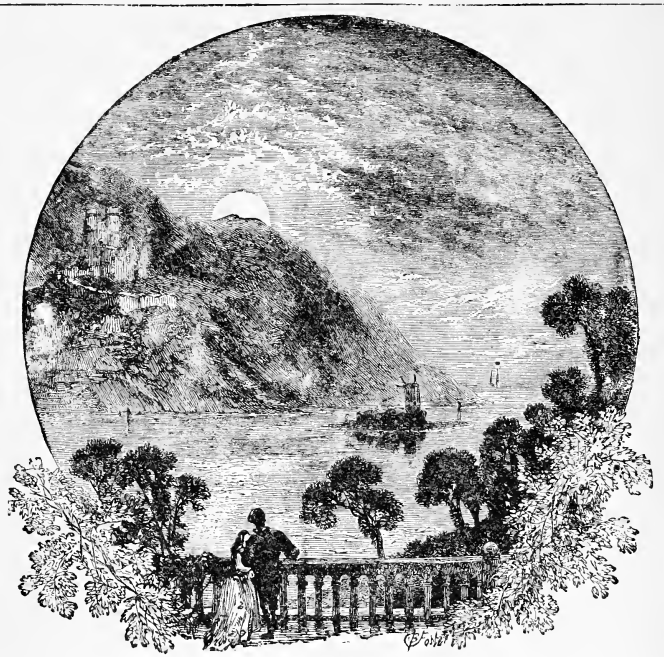
BREAD AND BUTTER DAYS.—After Weedon Grossmith.

Moon's Apo., 10d. 7.4h ev. Moon's Per., 24d. 1.6h. ev.				Boston, New England, New York, Mich., Wis., Iowa and Oregon.			N. Y. City, Phila., Conn., N. J., Penn., Ohio, Ind. and Ills.			Washington, Md., Virginia, Kentucky, Missouri and Cal.		
D. Y.	D. M.	D. W.	Sun at Noon Mark.	Sun Rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
122	1	T	11 56 53	4 54	7 0	0 15	4 58	6 56	0 12	5 1	6 53	0 9
123	2	F	11 56 47	4 53	7 1	0 55	4 56	6 57	0 53	5 0	6 54	0 50
124	3	S	11 56 40	4 51	7 2	1 30	4 55	6 58	1 29	4 59	6 55	1 27
125	4	S	11 56 35	4 50	7 3	2 2	4 54	6 59	2 1	4 58	6 56	2 1
126	5	M	11 56 29	4 49	7 4	2 32	4 53	7 0	2 32	4 57	6 57	2 32
127	6	T	11 56 25	4 48	7 5	3 1	4 52	7 1	3 2	4 56	6 57	3 3
128	7	W	11 56 21	4 46	7 6	3 30	4 50	7 2	3 32	4 54	6 58	3 34
129	8	T	11 56 17	4 45	7 7	4 0	4 49	7 3	4 3	4 53	6 59	4 6
130	9	F	11 56 14	4 44	7 9	rises.	4 48	7 4	rises	4 52	7 0	rises.
131	10	S	11 56 12	4 43	7 10	7 43	4 47	7 5	7 39	4 51	7 1	7 37
132	11	S	11 56 10	4 42	7 11	8 35	4 46	7 6	8 31	4 50	7 2	8 27
133	12	M	11 56 9	4 41	7 12	9 25	4 45	7 7	9 21	4 49	7 3	9 16
134	13	T	11 56 8	4 40	7 13	10 10	4 44	7 8	10 6	4 49	7 4	10 3
135	14	W	11 56 8	4 39	7 14	10 52	4 43	7 9	10 49	4 48	7 5	10 45
136	15	T	11 56 9	4 38	7 15	11 31	4 42	7 10	11 28	4 47	7 6	11 25
137	16	F	11 56 10	4 37	7 16	morn	4 41	7 11	morn.	4 46	7 7	morn.
138	17	S	11 56 11	4 36	7 17	0 6	4 40	7 12	0 4	4 45	7 8	0 2
139	18	S	11 56 14	4 35	7 18	0 40	4 39	7 13	0 39	4 44	7 8	0 37
140	19	M	11 56 17	4 34	7 19	1 13	4 39	7 14	1 12	4 43	7 9	1 12
141	20	T	11 56 20	4 33	7 20	1 45	4 38	7 15	1 46	4 43	7 10	1 46
142	21	W	11 56 24	4 32	7 21	2 19	4 37	7 16	2 21	4 42	7 11	2 22
143	22	T	11 56 28	4 31	7 22	2 55	4 36	7 17	2 59	4 41	7 12	3 1
144	23	F	11 56 24	4 31	7 23	3 37	4 36	7 18	3 41	4 41	7 13	3 44
145	24	S	11 56 29	4 30	7 24	sets.	4 35	7 19	sets.	4 40	7 13	sets.
146	25	S	11 56 45	4 29	7 25	8 17	4 34	7 19	8 13	4 39	7 14	8 9
147	26	M	11 56 52	4 28	7 25	9 17	4 34	7 20	9 13	4 39	7 15	9 9
148	27	T	11 56 59	4 28	7 26	10 8	4 33	7 21	10 5	4 38	7 16	10 2
149	28	W	11 57 6	4 27	7 27	10 52	4 32	7 22	10 50	4 38	7 17	10 47
150	29	T	11 57 14	4 27	7 28	11 31	4 32	7 23	11 29	4 37	7 17	11 27
151	30	F	11 57 22	4 26	7 29	morn	4 31	7 23	morn.	4 37	7 18	morn.
152	31	S	11 57 31	4 26	7 30	0 4	4 31	7 24	0 3	4 36	7 19	0 2

MOON'S PHASES.	D.	BOSTON.	NEW YORK.	WASHINGTON.	CHICAGO.
First Quarter	2	1 h. 23 m. M.	1 h. 11 m. M.	0 h. 59 m. M.	0 h. 17 m. M.
Full Moon	9	11 h. 39 m. E.	11 h. 11 m. E.	10 h. 59 m. E.	10 h. 17 m. E.
Third Quarter	16	0 h. 12 m. E.	0 h. 0 m. E.	11 h. 48 m. M.	11 h. 6 m. M.
New Moon	24	7 h. 59 m. E.	7 h. 49 m. E.	7 h. 37 m. E.	7 h. 5 m. E.
First Quarter	31	3 h. 40 m. M.	3 h. 28 m. M.	3 h. 16 m. M.	2 h. 44 m. M.

SPRING.

It is estimated that the aggregate cost of the pictures in the private galleries of New York City is at least $6,500,000. Vanderbilt heads the list with $1,000,000, followed by Mrs. A. T. Stewart, $500,000, Miss Catherine L. Wolfe, $450,000, August Belmont, $350,000. These galleries are filled almost entirely with works of foreign artists.



Moon's Apo., 6d. 10.3h. ev.
Moon's Per., 21d. 10.5h. ev.

D. Y	D. M.	D. W.	Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon.			N. Y. City, Phila. Conn., N. J., Penn., Ohio, Ind. and Ills.			Washington, Md., Virginia, Kentucky, Missouri and Cal.		
				Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun r ses.	Sun sets.	Moon sets.
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
153	1	♋	11 57 40	4 25	7 30	0 35	4 31	7 25	0 35	4 36	7 19	0 35
154	2	M	11 57 50	4 25	7 31	1 5	4 30	7 26	1 6	4 36	7 20	1 6
155	3	T	11 57 59	4 24	7 32	1 34	4 30	7 26	1 35	4 35	7 21	1 36
156	4	W	11 58 10	4 24	7 33	2 4	4 29	7 27	2 6	4 35	7 21	2 8
157	5	T	11 58 20	4 24	7 33	2 35	4 29	7 28	2 38	4 35	7 22	2 41
158	6	F	11 58 31	4 23	7 34	3 9	4 29	7 28	3 13	4 35	7 23	3 17
159	7	S	11 58 42	4 23	7 34	3 47	4 29	7 29	3 51	4 34	7 23	3 56
160	8	♋	11 58 53	4 23	7 35	rises.	4 28	7 29	rises.	4 34	7 24	rises.
161	9	M	11 59 5	4 23	7 36	8 9	4 28	7 30	8 5	4 34	7 24	8 1
162	10	T	11 59 17	4 22	7 36	8 53	4 28	7 31	8 49	4 34	7 25	8 46
163	11	W	11 59 29	4 22	7 37	9 32	4 28	7 31	9 29	4 34	7 25	9 26
164	12	T	11 59 41	4 22	7 37	10 9	4 28	7 31	10 6	4 34	7 26	10 4
165	13	F	11 59 53	4 22	7 38	10 43	4 28	7 32	10 41	4 34	7 26	10 39
166	14	S	12 0 6	4 22	7 38	11 15	4 28	7 32	11 14	4 34	7 27	11 13
167	15	♋	12 0 19	4 22	7 38	11 46	4 28	7 33	11 46	4 34	7 27	11 46
168	16	M	12 0 32	4 22	7 39	morn.	4 28	7 33	morn.	4 34	7 27	morn.
169	17	T	12 0 44	4 22	7 39	0 19	4 28	7 33	0 20	4 34	7 28	0 21
170	18	W	12 0 57	4 22	7 40	0 53	4 28	7 34	0 55	4 34	7 28	0 57
171	19	T	12 1 11	4 23	7 40	1 31	4 28	7 34	1 33	4 34	7 28	1 37
172	20	F	12 1 24	4 23	7 40	2 13	4 29	7 34	2 17	4 35	7 28	2 21
173	21	S	12 1 37	4 23	7 40	3 2	4 29	7 34	3 7	4 35	7 29	3 11
174	22	♋	12 1 50	4 23	7 40	3 59	4 29	7 35	4 4	4 35	7 29	4 9
175	23	M	12 2 3	4 24	7 41	sets.	4 29	7 35	sets.	4 35	7 29	sets.
176	24	T	12 2 16	4 24	7 41	8 45	4 30	7 35	8 42	4 36	7 29	8 39
177	25	W	12 2 28	4 24	7 41	9 27	4 30	7 35	9 25	4 36	7 29	9 23
178	26	T	12 2 41	4 25	7 41	10 4	4 30	7 35	10 3	4 36	7 29	10 1
179	27	F	12 2 53	4 25	7 41	10 37	4 31	7 35	10 37	4 37	7 29	10 36
180	28	S	12 3 6	4 26	7 41	11 7	4 31	7 35	11 8	4 37	7 29	11 8
181	29	♋	12 3 18	4 26	7 41	11 37	4 32	7 35	11 38	4 37	7 29	11 40
182	30	M	12 3 29	4 26	7 41	morn.	4 32	7 35	morn.	4 38	7 29	morn.

MOON'S PHASES.	D.	BOSTON.	NEW YORK.	WASHINGTON.	CHICAGO.
Full Moon.....	18	3 h. 6 m. E.	2 h. 53 m. E.	2 h. 41 m. E.	1 h. 59 m. E.
Last Quarter.....	25	9 h. 5 m. M.	8 h. 52 m. M.	8 h. 40 m. M.	8 h. 58 m. M.
New Moon.....	2	0 h. 49 m. M.	0 h. 37 m. M.	0 h. 25 m. M.	29d. 11h. 43 m. E.
First Quarter.....	30	1 h. 33 m. M.	1 h. 19 m. E.	1 h. 7 m. M.	0 h. 25 m. M.

THE PRESIDENTIAL YEAR.

POPULAR VOTE OF 1880.

States.	Garfield, Rep.	Hancock, Dem.	Weaver, Gr.	Pro., Ind., and Scat.	Republican Pluralities.	Democratic Pluralities.	Total.
Alabama..	56178	90687	4642	....	.....	34509	151507
Arkansas	42549	60365	4116	.....	.....	18816	107530
California.	80348	80442	3394	.....	.....	94	164184
Colorado ..	27450	24647	1435	.....	2803	.....	58532
Conneticut	67071	64415	868	412	2656	.....	132766
Delaware..	14133	15275	120	... ..	.....	1142	29528
Florida ...	23631	28032	.. ...	.....	.....	4401	51663
Georgia	50486	102470	1061	.....	.....	48984	157617
Illinois	318037	277321	26358	.....	40716	.....	621716
Indiana	232164	225523	12986	.....	6641	.....	476673
Iowa.....	183504	105845	32327	.....	78059	.....	322076
Kansas.....	121549	59801	19851	.....	61748	.....	201201
Kentucky..	104550	147999	11498	.....	.....	43449	264047
Louisiana..	27660	65067	10334	655	.....	37407	103716
Maine.....	74039	65171	4408	235	8868	.....	143853
Maryland.	78515	93706	818	.....	.....	15191	178039
Massa'setts	165205	111960	4548	799	53245	.....	282512
Michigan..	185341	131597	34895	1264	53744	.....	353097
Minnesota.	93908	53815	.....	.....	40588	.....	147218
Mississippi.	34854	75750	5797	.....	.....	40896	116401
Missouri...	153587	208589	35135	.....	.....	55002	397311
Nebraska..	54979	28523	3950	.....	26456	.....	87452
Nevada....	8732	9611	.....	.....	.....	879	18343
N. Hamp...	44852	40794	528	180	4058	.....	86354
New Jersey	120555	122565	2617	191	.....	2010	245928
New York.	555544	534511	12373	1517	21033	.....	1103945
N. Carolina	115878	124204	.....	.....	.....	8626	240082
Ohio	375048	340821	6456	2616	34227	.....	724941
Oregon ...	20619	19955	249	.....	664	.....	40823
Penn'vania	444704	407428	20668	1939	37276	.....	874739
Rh. Island.	18195	10779	286	.....	7416	....	29210
S. Carolina.	57954	111236	547	.....	.....	53282	169737
Tennessee.	107677	129569	5917	43	.....	21892	243206
Texas.....	57893	156428	27405	.....	.....	98535	241726
Vermont...	45567	18816	1212	105	27251	.....	65200
Virginia ..	83642	{ 96599 / 31484 }	{ 516	440	.....	12957	212681
W. Virginia	46243	57391	9079	.....	.....	11148	112713
Wisconsin.	144397	114634	7980	91	29763	.... .	267102
Totals ...	4441233	4443325	314324	10487	.....	.....	9204874

ELECTORAL VOTE OF 1880.

Garfield and Arthur.

California.....	1
Colorado.	3
Connecticut.....	6
Illinois.....	21
Indiana.....	15
Iowa	11
Kansas.....	5
Maine.....	7
Massachusetts	13
Michigan.....	11
Minnesota	5
Nebraska.....	3
New Hampshire....	5
New York.....	35
Ohio.....	22
Oregon.....	3
Pennsylvania.....	29
Rhode Island.....	4
Vermont...	5
Wisconsin	10
Total 214	
Majority..... 59	

Hancock and English.

Alabama	10
Arkansas,.....	6
California.....	5
Delaware	3
Florida	4
Georgia	11
Kentucky,...	12
Louisiana.....	8
Maryland.....	8
Mississippi	8
Missouri.....	15
Nevada	3
New Jersey....	9
North Carolina.....	10
South Carolina.....	7
Tennessee	12
Texas	8
Virginia....	11
West Virginia	5
Total 155	
Total electoral vote, 369	

ELECTORAL VOTE FOR 1884.

Under the new Congressional apportionment, taking effect in 1883, the electoral vote for 1884 will be distributed among the several States, as follows:

Alabama.....	10
Arkansas	7
California	8
Colorado	3
Connecticut	6
Delaware.....	3
Florida.....	4
Georgia	12
Illinois.....	22
Indiana.....	15
Iowa	13
Kansas	9
Kentucky.....	13
Louisiana.....	8
Maine	6
Maryland.....	8
Massachusetts	14
Michigan.....	13
Minnesota	7
Mississippi.....	9
Missouri.....	16
Nebraska.....	5
Nevada.....	3
New Hampshire.....	4
New Jersey.....	9
New York	36
North Carolina.....	11
Ohio.....	23
Oregon.....	3
Pennsylvania.....	30
Rhode Island.....	4
South Carolina...	9
Tennessee.....	12
Texas.....	13
Vermont.....	4
Virginia.....	12
West Virginia.....	6
Wisconsin.....	11
Total electoral vote for 1884	401
Necessary for a choice.....	201

Moon's Apo., 4d. 7.9h. mo.
Moon's Per., 20d. 1.6h. mo.
Moon's Apo., 31d. 11.0h. ev.

D. Y.	D. M.	D. W.	Sun at Noon Mark. H	M	S	Boston, New England, New York, Mich., Wis., Iowa and Oregon. Sun rises. H	M	Sun sets. H	M	Moon sets. H	M	N. Y. City, Phila. Conn., N. J., Penn., Ohio, Ind. and Ills. Sun rises. H	M	Sun sets. H	M	Moon sets. H	M	Washington, Md., Virginia, Kentucky, Missouri and Cal. Sun rises. H	M	Sun sets. H	M	Moon sets. H	M
183	1	T	12	3	41	4	27	7	40	0	7	4	33	7	35	0	9	4	38	7	29	0	11
184	2	W	12	3	52	4	28	7	40	0	37	4	33	7	35	0	40	4	39	7	29	0	43
185	3	T	12	4	3	4	28	7	40	1	10	4	34	7	34	1	14	4	39	7	29	1	18
186	4	F	12	4	14	4	29	7	40	1	47	4	34	7	34	1	51	4	40	7	29	1	55
187	5	S	12	4	24	4	29	7	40	2	27	4	35	7	34	2	31	4	41	7	28	2	36
188	6	S	12	4	34	4	30	7	39	3	11	4	36	7	34	3	16	4	41	7	28	3	21
189	7	M	12	4	43	4	31	7	39	4	0	4	36	7	33	4	5	4	42	7	28	4	10
190	8	M	12	4	52	4	31	7	39	rises		4	37	7	33	rises.		4	42	7	27	rises.	
191	9	T	12	5	1	4	32	7	38	8	11	4	37	7	33	8	8	4	43	7	27	8	5
192	10	W	12	5	9	4	32	7	38	8	46	4	38	7	32	8	44	4	44	7	27	8	42
193	11	T	12	5	17	4	34	7	37	9	19	4	39	7	32	9	18	4	44	7	26	9	16
194	12	F	12	5	25	4	34	7	37	9	51	4	40	7	31	9	50	4	45	7	26	9	50
195	13	S	12	5	32	4	35	7	36	10	22	4	40	7	31	10	23	4	46	7	25	10	24
196	14	M	12	5	38	4	36	7	35	10	55	4	41	7	30	10	57	4	46	7	25	10	58
197	15	T	12	5	44	4	37	7	35	11	30	4	42	7	30	11	33	4	47	7	24	11	35
198	16	W	12	5	50	4	38	7	34	morn.		4	43	7	29	morn.		4	48	7	24	morn	
199	17	T	12	5	55	4	38	7	33	0	9	4	44	7	28	0	13	4	49	7	23	0	16
200	18	F	12	5	59	4	39	7	33	0	54	4	44	7	28	0	58	4	49	7	23	1	2
201	19	S	12	6	3	4	40	7	32	1	45	4	45	7	27	1	50	4	50	7	22	1	55
202	20	S	12	6	7	4	41	7	31	2	43	4	46	7	26	2	48	4	51	7	21	2	53
203	21	M	12	6	10	4	42	7	30	3	48	4	47	7	25	3	52	4	52	7	20	3	57
204	22	T	12	6	12	4	43	7	29	sets.		4	48	7	25	sets.		4	53	7	20	sets.	
205	23	W	12	6	14	4	44	7	29	7	59	4	49	7	24	7	57	4	54	7	19	7	55
206	24	T	12	6	15	4	45	7	28	8	34	4	50	7	23	8	33	4	54	7	18	8	32
207	25	F	12	6	15	4	46	7	27	9	7	4	50	7	22	9	7	4	55	7	17	9	7
208	26	S	12	6	15	4	47	7	26	9	38	4	51	7	21	9	38	4	56	7	16	9	39
209	27	S	12	6	15	4	48	7	25	10	8	4	52	7	20	10	9	4	57	7	16	10	11
210	28	M	12	6	13	4	49	7	24	10	39	4	53	7	19	10	41	4	58	7	15	10	44
211	29	T	12	6	12	4	50	7	23	11	11	4	54	7	18	11	14	4	59	7	14	11	18
212	30	W	12	6	9	4	51	7	22	11	46	4	55	7	17	11	50	5	0	7	13	11	54
218	31	T	12	6	6	4	52	7	20	morn.		4	56	7	16	morn		5	0	7	12	morn	

MOON'S PHASES.

	D.	Boston.	New York.	Washington.	Chicago.
Full Moon	8	5 h. 26 m. M.	5 h. 14 m. M.	5 h. 2 m. M.	4 h. 20 m. M.
Third Quarter	15	4 h. 55 m. E.	4 h. 43 m. E.	4 h. 31 m. E.	3 h. 49 m. E.
New Moon	22	8 h. 10 m. M.	7 h. 58 m. M.	7 h. 46 m. M.	7 h. 4 m. M.
First Quarter	29	5 h. 17 m. E.	5 h. 6 m. E.	4 h. 53 m. E.	4 h. 11 m. E.

A HARD WORD.

OUR GREAT SOURCE OF WEALTH.

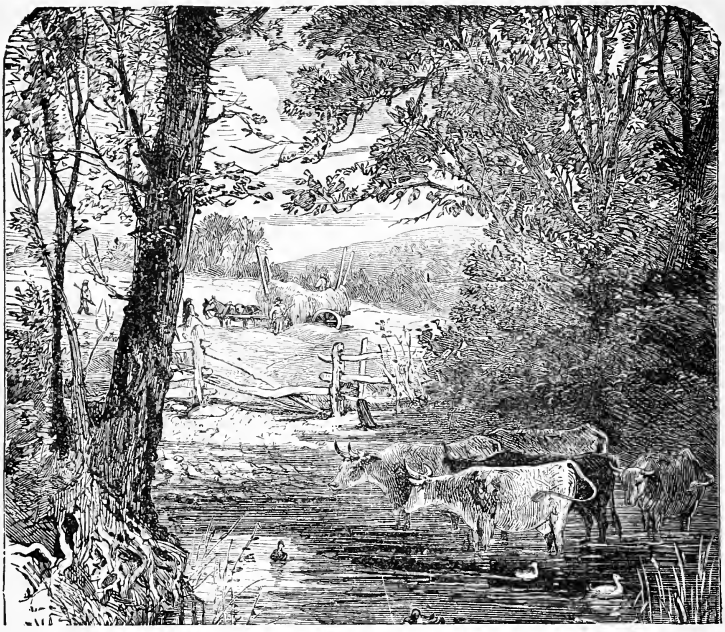
There were in the United States, in 1880, 4,008,907 farms, embracing 284,771,042 acres of improved land. These figures serve to show what farmers are, by a little extra effort, capable of accomplishing.

This country is great in resources and varied in climate, and a few facts from the census show that we have not overrated the agricultural interests in their relations to the wealth and industry of the nation.

Here are the figures:

Number of Farms.....	4,008,907
Improved land.....	284,771,042
Value of farms.....	$10,197,096,776
Value of implements.....	$406,520,055
Value of live stock.....	$1,500,464,609
Value of farm products.....	$2,213,402,564

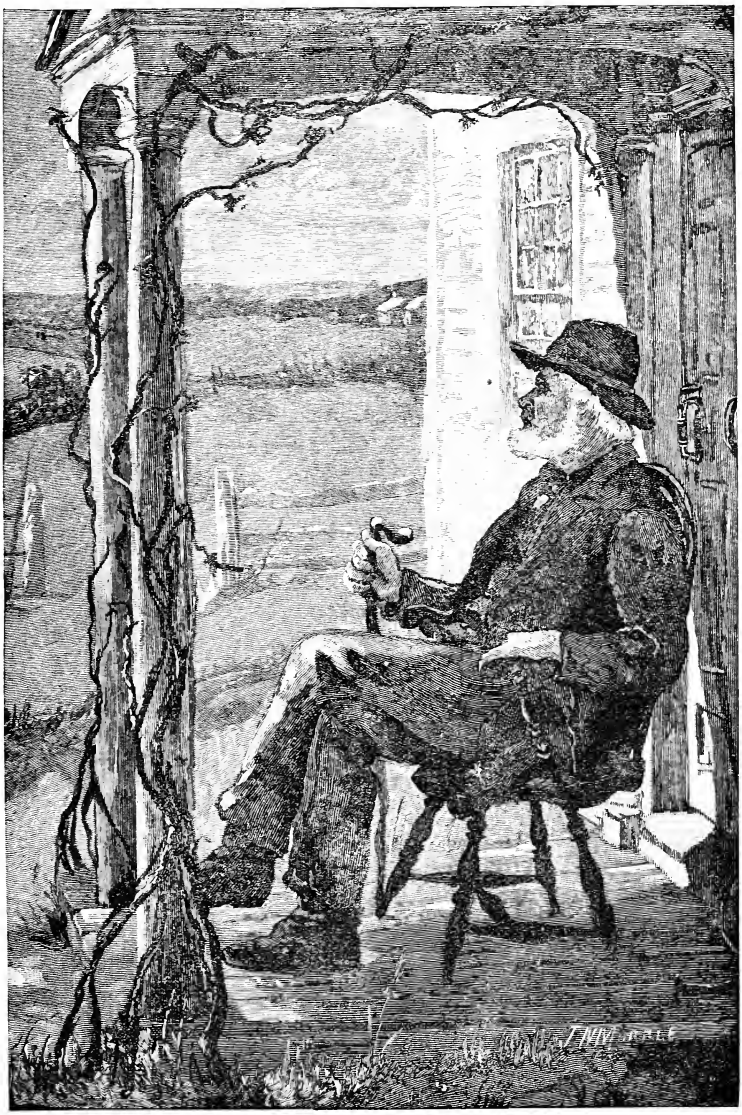
There are millionaires in cities and rich merchants and manufacturers but the great wealth, and that which does not shift much and is reliable, lies in our farms, and these, as we have already said, are the basis of all our industries. It is a business, too, that is not likely to be overdone, and never had farmers a better prospect ahead or greater inducements to plant one acre more, than in this year, 1884.



Moon's Per., 16d. 11.0h. mo.
Moon's Apo., 28d. 5.5h. ev.

D. Y	D. M.	D. W.	Sun at Noon Mark. H M S	Boston, New England, New York, Mich., Wis., Iowa and Oregon. Sun rises. H M	Sun sets. H M	Moon sets. H M	N. Y. City, Phila. Conn., N. J., Penn., Ohio, Ind. and Ills. Sun rises. H M	Sun sets. H M	Moon sets. H M	Washington, Md., Virginia, Kentucky, Missouri and Cal. Sun rises. H M	Sun sets. H M	Moon sets. H M
214	1	F	12 6 2	4 53	7 19	0 25	4 57	7 15	0 29	5 1	7 11	0 34
215	2	S	12 5 58	4 54	7 18	1 7	4 58	7 14	1 12	5 2	7	1 17
216	3	S	12 5 53	4 55	7 17	1 54	4 59	7 13	1 59	5 3	7 9	2 4
217	4	M	12 5 47	4 56	7 16	2 46	5 0	7 12	2 51	5 4	7 8	2 55
218	5	T	12 5 41	4 57	7 14	3 42	5 1	7 10	3 46	5 5	7 7	3 50
219	6	W	12 5 34	4 58	7 13	rises	5 2	7 9	rises.	5 6	7 5	rises.
220	7	T	12 5 27	4 59	7 12	7 21	5 3	7 8	7 19	5 7	7 4	7 18
221	8	F	12 5 19	5 0	7 11	7 56	5 4	7 7	7 55	5 8	7 3	7 53
222	9	S	12 5 10	5 1	7 9	8 26	5 5	7 6	8 26	5 9	7 2	8 27
223	10	S	12 5 1	5 2	7 8	8 59	5 6	7 4	9 0	5 9	7 1	9 1
224	11	M	12 4 52	5 3	7 6	9 33	5 7	7 3	9 35	5 10	6 59	9 38
225	12	M	12 4 41	5 4	7 5	10 11	5 8	7 2	10 14	5 11	6 58	10 17
226	13	T	12 4 31	5 5	7 4	10 52	5 9	7 0	10 56	5 12	6 57	11 0
227	14	W	12 4 19	5 7	7 2	11 40	5 10	6 59	11 44	5 13	6 56	11 49
228	15	T	12 4 8	5 8	7 1	morn.	5 11	6 58	morn.	5 14	6 54	morn.
229	16	F	12 3 55	5 9	6 59	0 34	5 12	6 56	0 39	5 15	6 53	0 44
230	17	S	12 3 43	5 10	6 58	1 34	5 13	6 55	1 38	5 16	6 52	1 43
231	18	S	12 3 29	5 11	6 56	2 38	5 14	6 53	2 43	5 17	6 50	2 47
232	19	M	12 3 16	5 12	6 55	3 46	5 15	6 52	3 49	5 18	6 49	3 53
233	20	T	12 3 1	5 13	6 53	sets.	5 16	6 50	sets.	5 19	6 48	sets.
234	21	W	12 2 47	5 14	6 52	7 4	5 17	6 49	7 4	5 19	6 46	7 3
235	22	T	12 2 32	5 15	6 50	7 36	5 18	6 47	7 37	5 20	6 45	7 37
236	23	F	12 2 16	5 16	6 49	8 7	5 19	6 46	8 9	5 21	6 43	8 10
237	24	S	12 2 0	5 17	6 47	8 38	5 20	6 44	8 41	5 22	6 42	8 43
238	25	M	12 1 44	5 18	6 45	9 11	5 21	6 43	9 13	5 23	6 40	9 17
239	26	M	12 1 27	5 19	6 44	9 45	5 22	6 41	9 48	5 24	6 39	9 52
240	27	T	12 1 10	5 20	6 42	10 22	5 23	6 40	10 26	5 25	6 38	10 30
241	28	W	12 0 52	5 21	6 40	11 3	5 24	6 38	11 6	5 26	6 36	11 12
242	29	T	12 0 34	5 23	6 39	11 48	5 25	6 37	11 53	5 27	6 35	11 56
24	30	F	12 0 16	5 24	6 37	morn.	5 26	6 35	morn	5 28	6 33	morn.
244	31	S	11 59 57	5 25	6 35	0 37	5 26	6 33	0 42	5 28	6 31	0 47

MOON'S PHASES.	D.	BOSTON.	NEW YORK.	WASHINGTON.	CHICAGO.
Full Moon	6	6 h. 22 m. E.	6 h. 10 m. E.	5 h. 58 m. E.	5 h. 16 m. E.
Third Quarter	13	10 h. 24 m. E.	10 h. 12 m. E.	10 h. 0 m. E.	9 h. 18 m. E.
New Moon	20	5 h. 10 m. E.	4 h. 58 m. E.	4 h. 46 m. E.	4 h. 4 m. E.
First Quarter	28	10 h. 58 m. M.	10 h. 46 m. M.	10 h. 34 m. M.	9 h. 52 m. M.



THE OLD FARMER.

CHILDHOOD.

I would I might live o'er again
The years now gone forever,
And feel the same thoughts stir my breast
That are mine now, ah, never!

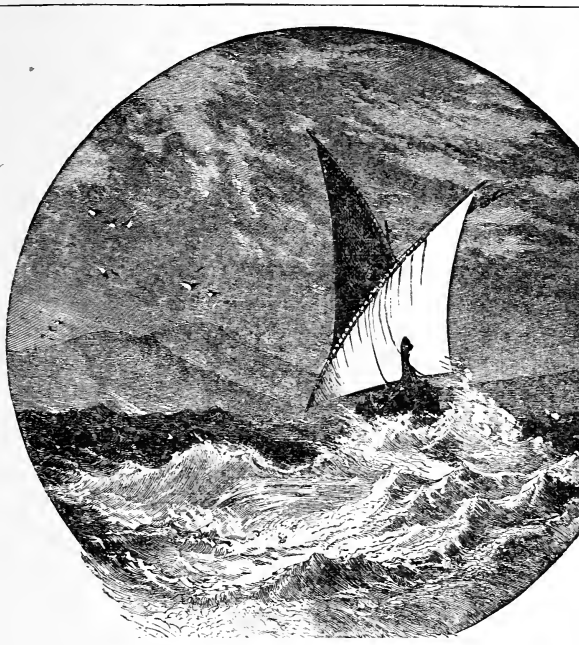
Oh, years, the heart will not forget
'Mid manhood's cares and sorrows,
How gladly would I welcome back
Your sweet To-Days and Morrows!

9TH MONTH. SEPTEMBER 30 DAYS.

Moon's Per., 10d. 0.9h. ev.
Moon's Apo., 25d. 0.9h. ev.

D. Y.	D. M.	D. W.	Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon. Sun rises.	Sun sets.	Moon sets.	N. Y. City, Phila., Conn., N. J., Penn., Ohio, Ind. and Ills. Sun rises.	Sun sets.	Moon sets.	Washington, Md., Virginia, Kentucky, Missouri and Cal. Sun rises.	Sun sets.	Moon sets.
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
245	1	M	11 59 38	5 26	6 34	1 31	5 27	6 32	1 35	5 29	6 30	1 40
246	2	T	11 59 19	5 27	6 32	2 28	5 28	6 30	2 32	5 30	6 28	2 36
247	3	W	11 59 0	5 28	6 30	3 29	5 29	6 29	3 32	5 31	6 27	3 36
248	4	T	11 58 40	5 29	6 29	3 32	5 30	6 27	4 35	5 32	6 25	4 37
249	5	F	11 58 20	5 30	6 27	rises.	5 31	6 25	rises.	5 33	6 24	rises
250	6	S	11 58 0	5 31	6 25	7 0	5 32	6 24	7 1	5 34	6 22	7 2
251	7	S	11 57 39	5 32	6 23	7 35	5 33	6 22	7 37	5 35	6 21	7 39
252	8	M	11 57 19	5 33	6 22	8 11	5 34	6 20	8 14	5 36	6 19	8 17
253	9	T	11 56 58	5 34	6 20	8 53	5 35	6 19	8 56	5 37	6 17	9 0
254	10	W	11 56 37	5 35	6 18	9 39	5 36	6 17	9 43	5 37	6 16	9 47
255	11	T	11 56 16	5 36	6 16	10 30	5 37	6 15	10 35	5 38	6 14	10 40
256	12	F	11 55 55	5 37	6 15	11 27	5 38	6 14	11 32	5 39	6 13	11 37
257	13	S	11 55 34	5 38	6 13	morn.	5 39	6 12	morn.	5 40	6 11	morn.
258	14	S	11 55 13	5 39	6 11	0 29	5 40	6 10	0 34	5 41	6 10	0 38
259	15	M	11 54 52	5 41	6 9	1 34	5 41	6 9	1 38	5 42	6 8	1 42
260	16	T	11 54 37	5 42	6 8	2 40	6 42	6 7	2 43	5 43	6 6	2 46
261	17	W	11 54 10	5 43	6 6	3 46	5 43	6 5	3 48	5 44	6 5	3 51
262	18	T	11 53 49	5 44	6 4	4 51	5 44	6 4	4 53	5 45	6 3	4 54
263	19	F	11 53 28	5 45	6 2	sets.	5 45	6 2	sets.	5 46	6 2	sets.
264	20	S	11 53 7	5 46	6 0	6 37	5 46	6 0	6 39	5 46	6 0	6 41
265	21	S	11 52 46	5 47	5 59	7 9	5 47	5 58	7 12	5 47	5 58	7 15
266	22	M	11 52 25	5 48	5 57	7 43	5 48	5 57	7 46	5 48	5 57	7 50
267	23	T	11 52 5	5 49	5 55	8 19	5 49	5 55	8 23	5 49	5 55	8 27
268	24	W	11 51 44	5 50	5 53	8 58	5 50	5 53	9 3	5 50	5 53	9 7
269	25	T	11 51 24	5 51	5 52	9 41	5 51	5 52	9 46	5 51	5 52	9 51
270	26	F	11 51 3	5 52	5 50	10 27	5 52	5 50	10 33	5 52	5 50	10 38
271	27	S	11 50 43	5 53	5 48	11 20	5 53	5 48	11 24	5 53	5 49	11 29
272	28	S	11 50 23	5 55	5 46	morn.	5 54	5 47	morn.	5 54	5 47	morn.
273	29	M	11 50 4	5 56	5 45	0 15	5 55	5 45	0 19	5 55	5 45	0 23
274	30	T	11 49 45	5 57	5 43	1 13	5 56	5 43	1 17	5 56	5 44	1 20

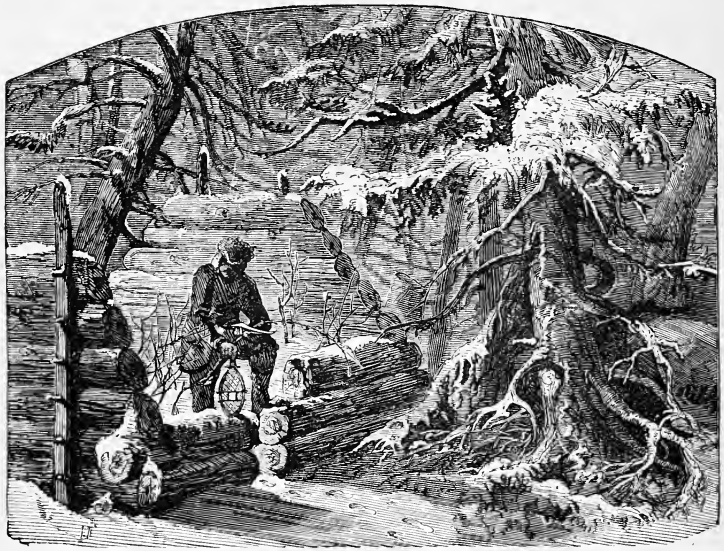
MOON'S PHASES.	D.	Boston.	New York.	Washington.	Chicago.
Full Moon	5	6 h. 19 m. M.	6 h. 0 m. M.	5 h. 48 m. M.	5 h. 6 m. M.
Third Quarter	12	3 h. 32 m. M.	3 h. 20 m. M.	3 h. 8 m. M.	2 h. 26 m. M.
New Moon	19	4 h. 59 m. M.	4 h. 41 m. M.	4 h. 29 m. M.	3 h. 47 m. M.
First Quarter	27	6 h. 37 m. M.	6 h. 25 m. M.	6 h. 13 m. M.	4 h. 31 m. M.



Moon's Per., 7d. 8.8h. mo.
Moon's Apo., 23d. 7.8h. mo.

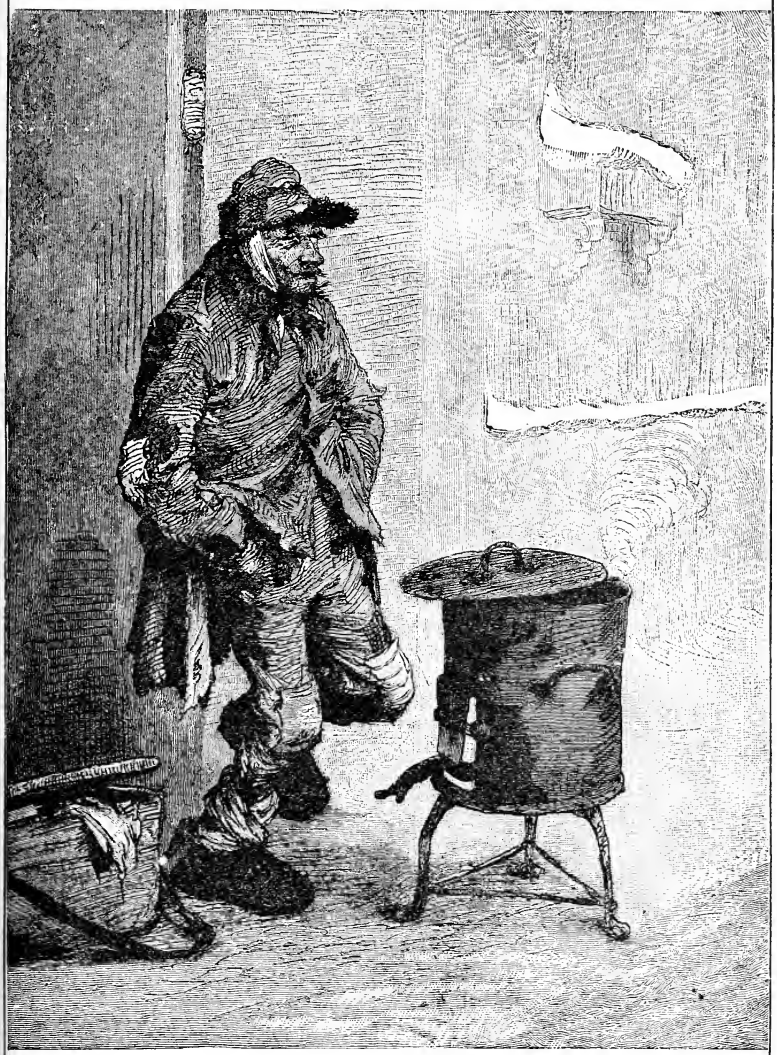
D. Y.	D. M.	D. W.	Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon.			N. Y. City, Phila., Conn., N. J., Penn., Ohio, Ind. and Ills.			Washington, Md., Virginia, Kentucky Missouri and Cal.		
				Sun Rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
275	1	W	11 49 25	5 58	5 41	2 15	5 57	5 42	2 18	5 57	5 42	2 20
276	2	T	11 49 7	5 59	5 39	3 19	5 58	5 40	3 21	5 58	5 41	3 22
277	3	F	11 48 48	6 0	5 38	4 25	5 59	5 38	4 26	5 59	5 39	4 27
278	4	S	11 48 30	6 1	5 36	rises.	6 0	5 37	rises	5 59	5 38	rises
279	5	S	11 48 12	6 2	5 34	6 8	6 1	5 35	6 11	6 0	5 36	6 13
280	6	M	11 47 55	6 3	5 33	6 49	6 2	5 34	6 52	6 1	5 35	6 56
281	7	T	11 47 38	6 5	5 31	7 34	6 3	5 32	7 39	6 2	5 33	7 43
282	8	W	11 47 21	6 6	5 29	8 25	6 5	5 30	8 30	6 3	5 32	8 35
283	9	T	11 47 5	6 7	5 28	9 22	6 6	5 29	9 27	6 4	5 30	9 32
284	10	F	11 46 50	6 8	5 26	10 23	6 7	5 27	10 27	6 5	5 29	10 32
285	11	S	11 46 35	6 9	5 24	11 27	6 8	5 26	11 31	6 6	5 27	11 35
286	12	S	11 46 20	6 10	5 23	morn	6 9	5 24	morn.	6 7	5 25	morn
287	13	M	11 46 6	6 11	5 21	0 32	6 10	5 22	0 36	6 8	5 24	0 39
288	14	T	11 45 53	6 13	5 19	1 37	6 11	5 21	1 40	6 9	5 23	1 42
289	15	W	11 45 40	6 14	5 18	2 42	6 12	5 19	2 43	6 10	5 21	2 45
290	16	T	11 45 28	6 15	5 16	3 45	6 13	5 18	3 45	6 11	5 20	3 46
291	17	F	11 45 16	6 16	5 14	4 47	6 14	5 16	4 46	6 12	5 18	4 46
292	18	S	11 45 5	6 17	5 13	sets	6 15	5 15	sets.	6 13	5 17	sets.
293	19	S	11 44 54	6 19	5 11	5 42	6 16	5 13	5 45	6 14	5 16	5 48
294	20	M	11 44 45	6 20	5 10	6 17	6 18	5 12	6 20	6 15	5 14	6 24
295	21	T	11 44 35	6 21	5 8	6 55	6 19	5 11	6 59	6 16	5 13	7 3
296	22	W	11 44 27	6 22	5 7	7 36	6 20	5 9	7 41	6 17	5 12	7 46
297	23	T	11 44 19	6 23	5 5	8 22	6 21	5 8	8 27	6 19	5 10	8 32
298	24	F	11 44 12	6 25	5 4	9 12	6 22	5 6	9 16	6 20	5 9	9 21
299	25	S	11 44 6	6 26	5 3	10 4	6 23	5 5	10 8	6 21	5 8	10 13
300	26	S	11 44 0	6 27	5 1	11 0	6 24	5 4	11 4	6 22	5 6	11 7
301	27	M	11 43 55	6 28	5 0	11 59	6 26	5 2	morn.	6 23	5 5	morn.
302	28	T	11 43 51	6 29	4 58	morn.	6 27	5 1	0 2	6 24	5 4	0 5
303	29	W	11 43 47	6 31	4 57	1 0	6 28	5 0	1 2	6 25	5 3	1 5
304	30	T	11 43 44	6 32	4 56	2 4	6 29	4 59	2 5	6 26	5 2	2 7
305	31	F	11 43 42	6 33	4 54	3 10	6 30	4 57	3 11	6 27	5 0	3 11

MOON'S PHASES.	D.	Boston.	New York.	Washington.	Chicago.
Full Moon.....	4	6 h. 16 m. E.	6 h. 4 m. E.	4 h. 52 m. E.	4 h. 10 m. E.
Last Quarter.....	11	7 h. 45 m. E.	7 h. 33 m. E.	7 h. 21 m. M.	6 h. 9 m. M.
New Moon.....	18	7 h. 45 m. E.	7 h. 33 m. E.	7 h. 21 m. M.	6 h. 9 m. M.
First Quarter.....	27	0 h. 10 m. M.	264. 11 h. 58 m. E.	264. 11 h. 46 m. E.	264. 11 h. 4 m. E.



Y. D.	M. D.	W. D.	Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon. Sun Rises.	Sun sets.	Moon sets.	N. Y. City, Phila., Conn., N. J., Penn., Ohio, Ind. and Ills. Sun rises.	Sun sets.	Moon sets.	Washington, Md., Virginia, Kentucky Missouri and Cal. Sun rises.	Sun sets.	Moon sets.
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
306	1	S	11 43 41	6 34	4 53	4 19	6 31	4 56	4 19	6 28	4 59	4 18
307	2	S	11 43 41	6 36	4 52	5 31	6 33	4 55	5 29	6 29	4 58	5 27
308	3	M	11 43 41	6 37	4 51	rises.	6 34	4 54	rises	6 31	4 57	rises
309	4	M	11 43 43	6 38	4 50	6 14	6 35	4 53	6 18	6 32	4 56	6 23
310	5	T	11 43 45	6 39	4 49	7 10	6 36	4 52	7 15	6 33	4 55	7 20
311	6	W	11 43 48	6 40	4 48	8 12	6 37	4 50	8 16	6 34	4 54	8 21
312	7	T	11 43 51	6 41	4 46	9 17	6 38	4 49	9 21	6 35	4 53	9 26
313	8	F	11 43 56	6 43	4 45	10 24	6 40	4 48	10 27	6 36	4 52	10 31
314	9	S	11 44 2	6 44	4 44	11 30	6 41	4 47	11 33	6 37	4 51	11 35
315	10	S	11 44 8	6 46	4 43	morn.	6 42	4 46	morn.	6 38	4 50	morn.
316	11	M	11 44 15	6 47	4 42	0 35	6 43	4 45	0 37	6 39	4 49	0 38
317	12	T	11 44 23	6 48	4 41	1 38	6 44	4 45	1 39	6 40	4 49	1 40
318	13	W	11 44 32	6 50	4 40	2 40	6 46	4 44	2 40	6 41	4 48	2 40
319	14	T	11 44 42	6 51	4 39	3 40	6 47	4 43	3 39	6 43	4 47	3 38
320	15	F	11 44 53	6 52	4 38	4 39	6 48	4 42	4 38	6 44	4 46	4 36
321	16	S	11 45 4	6 53	4 37	5 38	6 49	4 41	5 35	6 45	4 45	5 33
322	17	M	11 45 17	6 54	4 36	sets	6 50	4 40	sets.	6 46	4 45	sets.
323	18	M	11 45 30	6 56	4 35	5 33	6 51	4 40	5 38	6 47	4 44	5 42
324	19	W	11 45 44	6 57	4 35	6 17	6 53	4 39	6 22	6 48	4 43	6 27
325	20	T	11 45 59	6 58	4 34	7 5	6 54	4 38	7 10	6 49	4 43	7 15
326	21	F	11 46 15	6 59	4 33	7 57	6 55	4 38	8 1	6 50	4 42	8 6
327	22	S	11 46 31	7 1	4 33	8 51	6 56	4 37	8 55	6 51	4 42	8 59
328	23	S	11 46 48	7 2	4 32	9 48	6 57	4 37	9 51	6 52	4 41	9 55
329	24	M	11 47 6	7 3	4 32	10 47	6 58	4 36	10 49	6 54	4 41	10 52
330	25	M	11 47 25	7 4	4 31	11 48	6 59	4 36	11 49	6 55	4 40	11 51
331	26	T	11 47 44	7 5	4 30	morn.	7 0	4 35	morn	6 56	4 40	morn.
332	27	W	11 48 4	7 6	4 30	0 51	7 2	4 35	0 51	6 57	4 40	0 52
333	28	T	11 48 25	7 7	4 30	1 56	7 3	4 34	1 56	6 58	4 39	1 56
334	29	F	11 48 47	7 9	4 29	3 5	7 4	4 34	3 4	6 59	4 39	3 2
335	30	S	11 49 9	7 10	4 29	4 16	7 5	4 34	4 13	7 0	4 39	4 11

MOON'S PHASES.	D.	Boston.	New York.	Washington.	Chicago.
Full Moon	3	8 h. 59 m. M.	8 h. 41 m. M.	8 h. 29 m. M.	2 h. 47 m. M.
Third Quarter	9	6 h. 25 m. E.	6 h. 7 m. E.	5 h. 55 m. E.	5 h. 13 m. E.
New Moon	17	1 h. 28 m. E.	1 h. 10 m. E.	0 h. 58 m. E.	0 h. 26 m. E.
First Quarter	25	5 h. 32 m. M.	5 h. 20 m. M.	5 h. 8 m. E.	4 h. 26 m. E.



COLD COMFORT.

The following is one of the well authenticated tables in use, showing the average length of life at various ages. The first column represent the present ages of persons of average health, and the second column the number of years they will give us to live. This table has been the result of careful calculation, and seldom proves misleading.

Age.	*More years to live.*
1	39
10	51
20	41
30	34
40	28
50	21
60	14
70	9
80	4

Y. D.	D. W.	W. D.	Sun at Noon Mark.	Boston, New England, New York, Mich., Wis., Iowa and Oregon. Sun rises.	Sun sets.	Moon sets.	N. Y. City, Phila., Conn., N. J., Penn, Ohio Ind. and Ills. Sun rises.	Sun sets.	Moon sets.	Washington, Md., Virginia, Kentucky, Missouri and Cal. Sun rises.	Sun sets.	Moon sets
			H M S	H M	H M	H M	H M	H M	H M	H M	H M	H M
336	1	M	11 49 31	7 11	4 28	5 28	7 6	4 33	5 25	7 1	4 38	5 22
337	2	T	11 49 55	7 12	4 28	rises.	7 7	4 33	rises.	7 2	4 38	rises.
338	3	W	11 50 19	7 13	4 28	5 52	7 8	4 33	5 57	7 2	4 38	6 1
339	4	T	11 50 43	7 14	4 28	6 58	7 9	4 33	7 2	7 3	4 38	7 7
340	5	F	11 51 8	7 15	4 28	8 7	7 10	4 33	8 11	7 4	4 38	8 15
341	6	S	11 51 34	7 16	4 28	9 16	7 11	4 33	9 19	7 5	4 38	9 22
342	7	S	11 52 0	7 17	4 28	10 24	7 11	4 33	10 26	7 6	4 38	10 28
343	8	M	11 52 27	7 18	4 28	11 29	7 12	4 33	11 31	7 7	4 38	11 32
344	9	T	11 52 54	7 18	4 28	morn.	7 13	4 33	morn.	7 8	4 38	morn.
345	10	W	11 53 21	7 19	4 28	0 32	7 14	4 33	0 33	7 9	4 38	0 33
346	11	T	11 53 49	7 20	4 28	1 34	7 15	4 33	1 33	7 9	4 38	1 32
347	12	F	11 54 18	7 21	4 28	2 33	7 16	4 33	2 32	7 10	4 39	2 30
348	13	S	11 54 46	7 22	4 28	3 32	7 16	4 33	3 29	7 11	4 39	3 27
349	14	S	11 55 15	7 22	4 28	4 29	7 17	4 34	4 26	7 12	4 39	4 23
350	15	M	11 55 44	7 23	4 29	5 24	7 18	4 34	5 20	7 12	4 39	5 17
351	16	T	11 56 14	7 24	4 29	6 17	7 18	4 34	6 13	7 13	4 40	6 9
352	17	W	11 56 44	7 24	4 29	sets.	7 19	4 35	sets	7 14	4 40	sets.
353	18	T	11 57 13	7 25	4 30	5 52	7 20	4 35	5 56	7 14	4 40	6 1
354	19	F	11 57 43	7 26	4 30	6 45	7 20	4 35	6 40	7 15	4 41	6 54
355	20	S	11 58 13	7 26	4 30	7 40	7 21	4 36	7 45	7 15	4 41	7 48
356	21	S	11 58 43	7 27	4 31	8 39	7 21	4 36	8 42	7 16	4 42	8 45
357	22	M	11 59 13	7 27	4 31	9 38	7 22	4 37	9 40	7 16	4 42	9 43
358	23	T	11 59 43	7 28	4 32	10 39	7 22	4 37	10 40	7 17	4 43	10 42
359	24	W	12 0 13	7 28	4 33	11 42	7 23	4 38	11 42	7 17	4 44	11 42
360	25	T	12 0 43	7 28	4 33	morn.	7 23	4 39	morn	7 17	4 44	morn.
361	26	F	12 1 13	7 29	4 34	0 47	7 23	4 39	0 46	7 18	4 45	0 45
362	27	S	12 1 42	7 29	4 35	1 54	7 24	4 40	1 52	7 18	4 45	1 50
363	28	S	12 2 12	7 29	4 35	3 3	7 24	4 41	3 0	7 18	4 46	2 58
364	29	M	12 2 41	7 29	4 36	4 16	7 24	4 41	4 10	7 19	4 47	4 6
365	30	T	12 3 10	7 30	4 37	5 22	7 24	4 42	5 18	7 19	4 48	5 14
366	31	W	12 3 38	7 30	4 38	6 27	7 24	4 43	6 23	7 19	4 48	6 19

MOON'S PHASES.	D.	BOSTON.	NEW YORK.	WASHINGTON.	CHICAGO.
Full Moon	2	2 h. 16 m. E.	2 h. 3 m. E.	1 h. 53 m. E.	1 h. 9 m. E.
Last Quarter	9	6 h. 40 m. M.	6 h. 24 m. M.	6 h. 14 m. M.	5 h. 49 m. M.
New Moon	17	8 h. 37 m. M.	8 h. 25 m. M.	8 h. 15 m. M.	7 h. 50 m. M.
First Quarter	25	8 h. 37 m. M.	8 h. 25 m. M.	8 h. 15 m. M.	7 h. 50 m. M.
Full Moon	31	12 h. 45 m. E.	12 h. 30 m. E.	12 h. 18 m. E.	11 h. 36 m. E.

CHRISTMAS IN THE COUNTRY.

THE NAME OF GOD.

The following list, comprising the name of God in forty-eight languages, was compiled by the well-known French philogist, Louis Berger, in the following manner:

Hebrew—Elohium, Eloah.
Chaldaic—Eliah.
Assyrian—Eleah.
Syriac and Turkish—Alah
Malay—Alla.
Arabic—Allah.
Language of the Magi—Orsi
Old Egyptian—Teut.
Armorian—Teuti.
Modern Egyptian—Teun.
Greek—Theos.
Cretan—Thios.
Æolian and Doric—Ilos.
Latin—Deos.
Low Latin—Diex.
Celtic and Gallic—Diu.
French—Dieu.
Spanish—Dios.
Portuguese—Deos.
Old German—Diet.
Provincial—Diou.
Low Breton—Doue.
Italian—Dio.
Irish—Dia.
Olalu Tongue—Deu.
German and Swiss—Gott.
Flemish—Goed.
Dutch—Godt.
English—God.
Teutonic—Goth.
Danish and Swedish—Cut.
Norwegian—Gud.
Slave—Buch.
Polish—Bog.
Pollacca—Bung.
Lapp—Jubinal.
Finish—Jumala.
Runic—As.
Zemblain—Fetizo.
Pannonian—Istu.
Hindostance—Rain.
Coromandel—Brama.
Tartar—Magatal.
Persian—Sire.
Chinese—Prussa.
Japanese—Gœzur.
Madagascar—Zannar.
Peruvian—Puchecammæ.

Ancient Proverbs.

A bad padlock invites a picklock.

A bad workman quarrels with his tools.

A bean in liberty is better than a comfit in prison.

A bird is known by its note, and a man by his talk.

A bit in the morning is better than nothing all day, or than a thump on the back with a stone.

A black hen will lay a white egg.

A black plum is as sweet as a white.

A blind man will not thank you for a looking glass.

A blunt edge will sometimes do what a sharp axe will not.

A blythe heart makes a blooming visage.

A boaster and a liar are cousin-germans.

A bow long bent, at last waxeth weak.

A bridle for the tongue is a necessary piece of furniture.

A broken apothecary, a new doctor.

A broken friendship may be soldered, but will never be sound.

A candle lights others and consumes itself.

A careless watch invites the vigilant foe.

A carper can cavie at anything.

A charitable man is the true lover of God.

A cherry year, a merry year; a plum year, a dumb year.

A civil denial is better than a rude grant.

A clean hand wants no washing.

A clear conscience can bear any trouble.

A close mouth catcheth no flies.

A cold April the barn will fill.

A cold May and a windy makes a barn full and a finely.

A colt you may break, but an old horse you never can.

A cough will stick longer by a horse than a peck of oats.

A countryman may be as warm in kersey as a king in velvet.

A courageous foe is better than a cowardly friend.

A covetous man does nothing that he should till he dies.

A creaking door hangs long on its hinges.

A crooked stick will have a crooked shadow.

A danger foreseen is half avoided.

ANCIENT PROVERBS.

A day to come shows longer than a year that's gone.

A deformed body may have a beautiful soul.

A deluge of words and a drop of sense.

A detractor is his own foe, and the world's enemy.

A diamond is valuable though it lie in a dung-hill.

A disease known is half cured.

A dog will not cry if you beat him with a bone.

A dry cough is the trumpeter of death.

A dull ass near home needs no spur.

A dumb man never gets loud.

A false report rides post.

A fat kitchen makes a lean will.

A father is a treasure, a brother a comfort, but a friend is both.

A fault confessed is half redressed.

A fault once denied, is twice committed.

A field requireth three things, fair weather, good seed, and a good husbandman.

A fair wife without a fortune, is a fine house without furniture.

A flow of words is no proof of wisdom.

A fool may make money, but it requires a wise man to spend it.

A fortunate man may be anywhere.

A fool's tongue is long enough to cut his own throat.

A foul moon may turn to a fair day.

A fox should not be of the jury at a goose-trial.

A friend to everybody is a friend to nobody.

A full purse never lacks friends.

A gentleman should have more in his pocket than on his back.

A good archer is not known by his arrows, but his aim.

A good cause makes a stout heart and a strong arm.

A good companion makes good company.

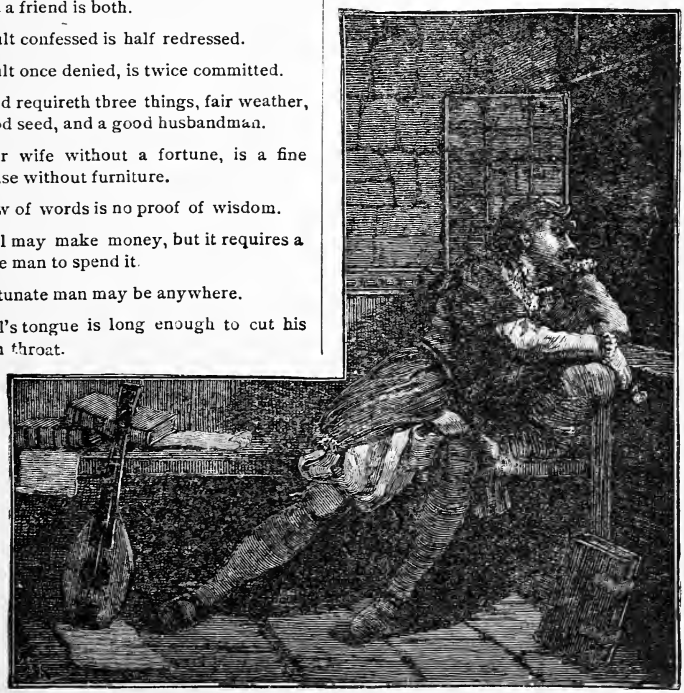
A good example is the best sermon.

A good face needs no paint.

A good fame is better than a good face.

A good garden may have some weeds.

A good paymaster never wants workmen.



ANCIENT PROVERBS.

A good presence is a letter of recommendation.

A good saver is a good server.

A good surgeon must have an eagle's eye, a lion's heart, and a lady's hand.

A good take heed will surely speed.

A good wife and health are a man's best wealth.

A good word for a bad one is worth much and costs little.

A good word is as soon said as a bad one.

A joyful evening may follow a sorrowful morning.

A lass that has many wooers oft fares the worst.

A little house well filled, a little land well tilled, and a little wife well willed, are great riches.

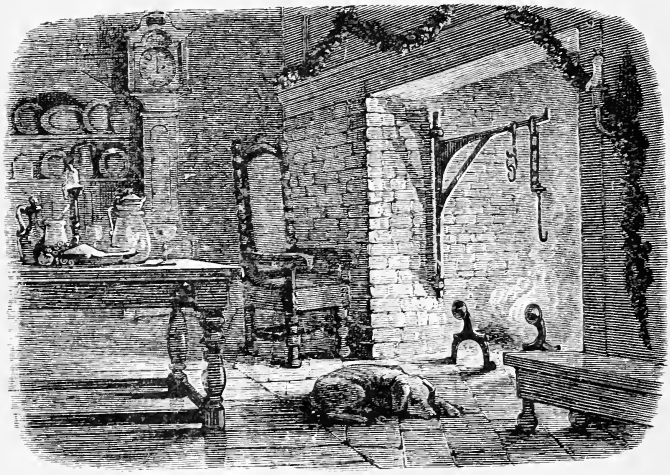
A little leak will sink a great ship.

A little more breaks the horse's back.

A little of everything is nothing in the main.

A little pot is soon hot.

A little ship needs but a little sail.



A handful of common sense is worth a bushel of learning.

A hand saw is a good thing, but not to shave with.

A hot May makes a fat churchyard.

A hundred tailors, a hundred weavers, and a hundred millers, make three hundred thieves.

A jest driven too far brings home hate.

A joke never gains an enemy, but often loses a friend.

A long tongue has a short hand.

A man among children will be long a child

A child among men will be soon a man.

A man apt to promise is apt to forget.

A man as he manages himself may die old at thirty, or young at eighty.

A man at five may be a fool at fifteen.

A man at sixteen will prove a child at sixty.

A man can do no more than he can

A man can never thrive who has a wasteful wife.

A man in a passion rides a horse that runs away with him.

A man is little the better for liking himself, if nobody else like him.

A man is not good or bad for one action.

A man is not so soon healed as hurt.

A man loseth his time, that comes early to a bad bargain.

A man may live upon little, but he cannot live upon nothing.

A man may love his house and yet not ride on the ridge.

A man of words and not of deeds, is like a garden full of weeds.

A man surprised is half beaten.

A man that breaks his word bids others be false to him.

A man that keeps riches, and enjoys them not, is like an ass that carries gold and eats thistles.

A man without money, is a bow without an arrow.

A May flood never did good.

A peck of March dust, and a shower in May, makes the corn green and the fields gay.

A penny weight of love is worth a pound of ease.

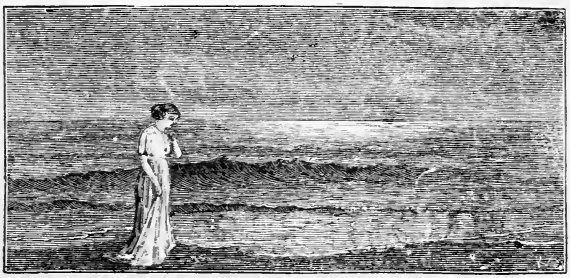
A plaster is but small amends for a broken head.

A pitcher that goes oft to the well is broken at last.

A pound of care will not pay an ounce of debt

A proud mind and a poor purse are ill met.

A puff of wind and popular praise weigh alike.



A Saturday's Moon, if it comes once in seven years, comes too soon.

A shoemaker's wife and a smith's mare are always the worst shod.

A shower in July when the corn begins to fill, is worth a plough of oxen and all belong there till.

A silver key can open an iron lock.

A single fact is worth a ship load of argument.

A slip of the foot may be soon recovered, but that of the tongue perhaps never.

A sparrow in hand is worth a pheasant that flieth by.

A swarm of bees in May is worth a load of hay, but a swarm in July is not worth a fly.

Antiquity is not always a mark of rarity.

Better go *about* than fall into the ditch.

The *absent* are always at fault.

In vain he craves *advice* that will not follow it.

When a thing is done *advice* comes too late.

Be slow of giving *advice*, ready to do a service.

Give *advice* to all, but be security for none.

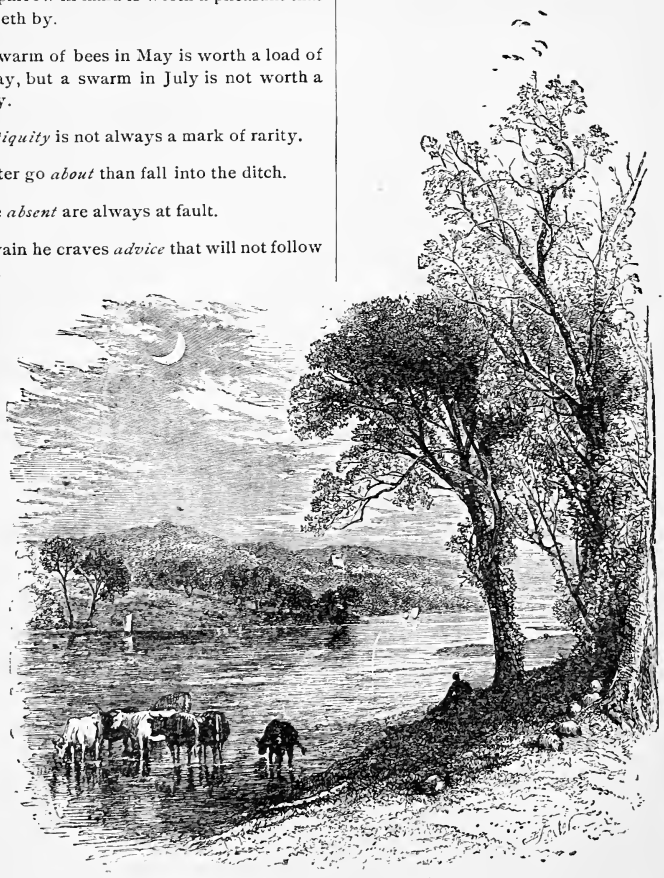
If you wish good *advice* consult an old man.

For what thou cans't do thyself rely not on *another*.

Ask but enough, and you may lower the price as you list.

The *balance* distinguishes not between gold and lead.

He who lies long in *bed* his estate feels it



Be not too hasty to *out-bid* another.

What is *bought* is cheaper than a gift.

The *blind* man's wife needs no painting.

There is no *cake*, but there is the like of the same make.

The *child* saith nothing but what he heard at the fire.

What *children* hear at home soon flies abroad.

Give neither *counsel* nor salt till you are asked for it.

Counsels in wine seldom prosper.

He that will not be *counselled* cannot be helped.

A friend at *court* is better than a penny in the purse.

Craft bringeth nothing home.

Credit lost is like a venice glass broken.

Children are poor men's riches, certain cares but uncertain comforts, when they are little they make parents fools, when great, mad.

He that has no *children* knows not what is love.

Who never *climbed* never fell.

Confession of a fault makes half amends for it.

He that *contemplates* hath a day without a night.

He may well be *contented* who needs neither borrow nor flatter.

He that has lost his *credit* is dead to the world.

No man ever lost his credit, but he who had it not.

He getteth a great deal of *credit* who payeth but a small debt.

Crosses are ladders that lead to heaven.

Every *day* has its night, every weal its woe.

Better to go to bed supper-less than to get up in *debt*.

He that gets out of *debt* grows rich.

Deeds are fruits, words are but leaves.

Desert and reward seldom keep company.

It's an ill battle where the *devil* carries the colors.

Do what thou ought let come what may.

Think of *ease*, but work on.

Eat to live, but do not live to eat.

Good to begin well, better to *end* well.

If you would make an *enemy*, lend a man money, and ask it of him again.

For a flying *enemy* make a silver bridge.

Of *evil* grain no good seed can come.

Evil gotten, evil spent.

Evil that cometh out of thy mouth flieth into thy bosom.

Fall not out with a friend for a trifle.

Better pass a danger once than be always in *fear*.

Fear not the loss of the bell more than the loss of the steeple.

No one is a *fool* always, everyone sometimes.

A fool demands much, but he's a greater that give it.

Better a bare *foot* than no foot at all.

Forgive any sooner than thyself.

When *fortune* smiles, take the advantage.

The best mirror is an old *friend*.

Have but few *friends*, though many acquaintances.

In time of prosperity *friends* will be plenty.

In time of adversity, not one amongst twenty.

ANCIENT PROVERBS.

God healeth, and the physician hath the thanks.

Things *hardly* attained are longer retained.

Health without money is half a sickness.

Hope is a good breakfast, but a bad supper.

Be a good *husband*, and you will get a penny to spend, a penny to lend, and a penny for a friend.

Idleness is the key of beggary.

Better be *ill* spoken of by one before all, than by all before one.

Industry is fortune's right hand, and frugality her left.

In a thousand pounds of *law* there's not an ounce of love.

The *law* is not the same at morning and night.

The worst of *law* is, that one suit breeds twenty.

He that *liveth* wickedly can hardly die honestly.

It is not how long, but how well we *live*.

He that *lives* not well one year, sorrows for it seven.

Love rules his kingdom without a sword.

Love asks faith, and faith asks firmness.

They *live* too much who die for love

Manners often make fortunes.

Many without punishment, none without sin.

Before you *marry*, be sure of a house wherein to tarry.

Would you know the value of *money* go and borrow some.

A good *name* keeps its lustre in the dark.

The *offender* never pardons.

The *offspring* of them that are very old, or very young, lasteth not.

The *old* man's staff is the rapper at death's door.

When an *old* man will not drink, go to see him in another world.

One story is good till another's told.

He who is wanting to *one* friend loseth a great many.

All feet tread not in *one* shoe.

Say no ill of the year till it be *past*.

Patience is a flower that grows not in every one's garden.

Many can *pack* the cards that cannot play.

Play, women, and wine undo men laughing.

Fly *pleasure* and it will follow thee.

Neither *praise* nor dispraise thyself, thine actions serve the turn.

Ask thy *purse* what thou shouldst buy.

Take heed of enemies reconciled, and of meat twice boiled.

When all is consumed, *repentance* comes too late.

He who *revealeth* his secret, maketh himself a slave.

Being on the *sea* sail, being on the land settle.

He who *seeketh* trouble never misseth it.

He who *serves* well need not be afraid to ask his wages.

It is a foolish *sheep* that makes the wolf his confessor.

Silks and satins put out the fire in the kitchen.

He that *sings* on Friday shall weep on Sunday.

ANCIENT PROVERBS.

The *singing man* keeps his shop in his throat.

Sit in your place and none can make you rise.

He that *speaks* me fair and loves me not, I'll speak him fair, and trust him not.

He that *speaks* doth sow, he that holds his peace doth reap.

Spend and be free, but make no waste.

Step after step the ladder is ascended.

Though the *sun* shines leave not your cloak at home.

He who more than he's worth doth *spend*, makes a rope his life to end.

He who *spends* more than he should, shall not have to spend when he would.

The *table* robs more than the thief.

Who hath aching *teeth* hath ill tenants.

Think much, speak little, write less.

When it thunders, the thief becomes honest.

Time is the rider that breaks youth.

Every one puts his fault on the *times*.

Better that the feet slip than the *tongue*.

The *tongue's* not steel yet it cuts.

Trade knows neither friends nor kindred.

That's not good language that all *understand* not.

Who has not *understanding* let him have legs.

Where men are well *used*, they'll frequent there.

War is death's feast.

Who preacheth *war* is the devil's chaplain.

War makes thieves and peace hangs them.

War, hunting, and law, are as full of trouble as pleasure.

He that hath a head of *wax* must not walk in the sun.

The greatest *wealth* is contentment with a little.

I *wept* when I was born and every day shows why.

The *worst* wheel of a cart creaks most.

Where the *will* is ready the feet are light.

Willows are weak, yet they bind other wood.

Wine is a turncoat, first a friend then an enemy.

You may be a *wise* man though you cannot make a watch.

Wise men care not for what they cannot have.

A *wise* man changes his mind ; a fool never.

It is better to sit with a *wise* man in prison, than with a fool in paradise.

If on the 8th of June it rain
It foretels a wet harvest, men sain ;
If the 1st of July it be rainy weather,
Twill rain more or less for four weeks together.

Dry August and warm, do the harvest no harm.

If the 24th of August be fair and clear
Then hope for a prosperous autumn that year.

After dinner sit awhile, after supper walk a mile.

Better it be done than *wish* it had been done.

If you *wish* a thing done, go ; if not, send.

Years know more than books.

Youth and white paper take any impression.

A *young* man idle, an old man needy.

Zeal without knowledge is the sister of folly.

Agues come on horseback, but go away on foot.

One hour's sleep before midnight is worth two hours after.

He is never likely to have a good thing cheap that is *afraid* to ask the price.

We shall lie all *alike* in our graves.

A thief passes for a gentleman when stealing has made him rich.

A thin bush is better than no shelter.

A whip for a fool, and a rod for a school, is always in good season.

A white glove often conceals a dirty hand.

A wild goose never laid a tame egg.

A windy March and a rainy April makes a beautiful May.

A wise head hath a close mouth to it.

A wise lawyer never goes to law himself.

A wise man begins in the end; a fool ends in the beginning.

A woman's counsel is not worth much, but he that despises it is no wiser than he should be.

A woman's work and washing of dishes, is never at an end.

A wonder lasts but nine days, and then the puppy's eyes are open.

A word and a stone let go cannot be called back.

A word spoken is an arrow let fly.

A young saint, an old devil.

Bacchus hath drowned more men than Neptune.

Bad customs are better broke than kept up.

Bad is a bad servant, but 'tis worse being without him.

Bare-footed men must not go among thorns.

Be a father to virtue, but a father-in-law to vice.

Be always at leisure to do good; never make business an excuse to deny the offices of humanity.

Be just to all, but trust not all.

Bear, and blame not what you cannot change.

Believe only half what you hear of a man's wealth and goodness.

Benefits, like flowers, please most when they are fresh.

Better be alone than in bad company.

Better half an egg than an empty shell.

Better go to heaven in rags than to hell in embroidery.

Better one's house be too little one day than too big all the year after.

Better to do well late than never.

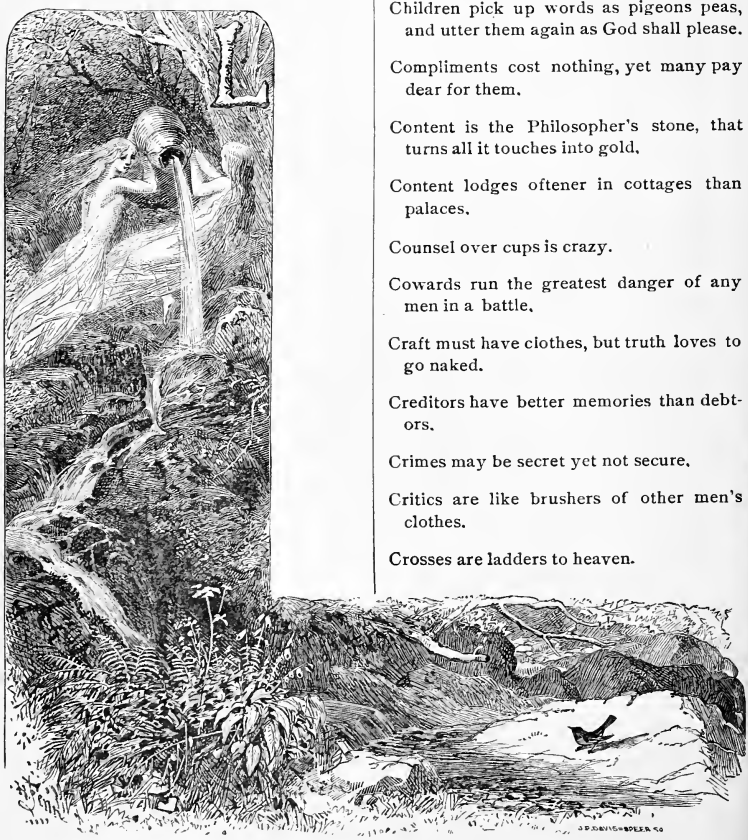
Better wait on the cook than the doctor.

Between the hand and the lip, the morsel may slip.

Building is a sweet impoverishing.

Buyers want an hundred eyes, sellers none.

By art and deceit men live half a year; and by deceit and art the other half.



Can a mill go with the water that's past?

Can a mouse fall in love with a cat?

Care will kill a cat; yet there's no living without it.

Cato said "he had rather people should inquire why he had not a statue erected to his memory, than why he had."

Charity and pride have different aims, yet both feed the poor.

Cheat me in the price but not in the goods.

Cheese, it is a peevish elf; it digests all things but itself.

Children have wide ears and long tongues.

Children pick up words as pigeons peas, and utter them again as God shall please.

Compliments cost nothing, yet many pay dear for them.

Content is the Philosopher's stone, that turns all it touches into gold.

Content lodges oftener in cottages than palaces.

Counsel over cups is crazy.

Cowards run the greatest danger of any men in a battle.

Craft must have clothes, but truth loves to go naked.

Creditors have better memories than debtors.

Crimes may be secret yet not secure.

Critics are like brushers of other men's clothes.

Crosses are ladders to heaven.

Crooked by nature is never made straight by education.

Death has nothing terrible in it, but what life hath made so.

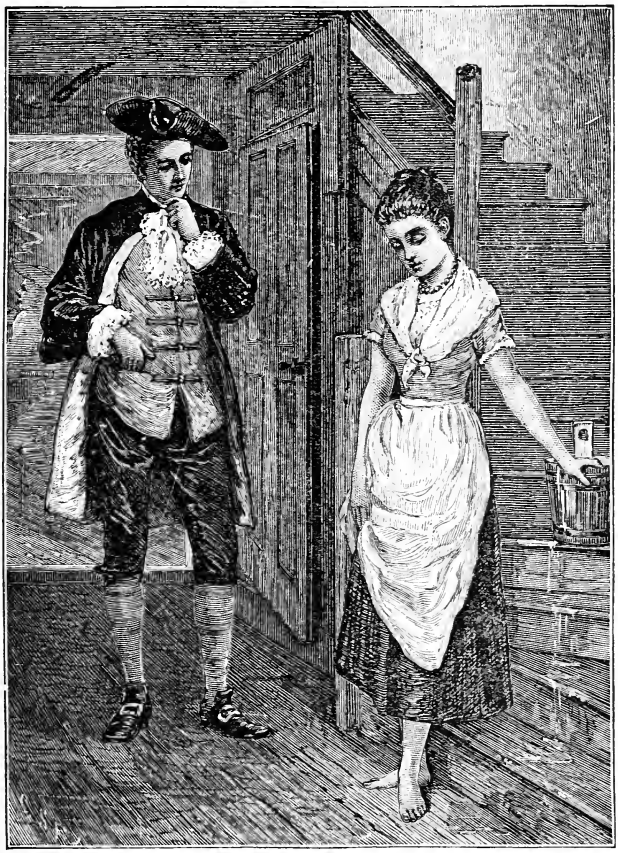
Death rather frees us from ills, than robs us of our goods.

Deliver your words not by number but by weight.

Denying a fault doubles it.

Deserts and rewards go not often together.

Diet cures more than the lancet.



Deep rivers move in silence; shallow brooks are noisy.

Defaming or slandering others is the greatest of all sins.

Deliberate slowly, execute promptly.

Difficulties give way to diligence.

Diffidence is the right eye of prudence.

Discontents arise from our desires oftener than from our wants.

Discreet steps make speedy journeys.

Disputations leave truth in the middle and party at both ends.

Distrust is the mother of safety, but must keep out of sight.

Do all you can to be good, and you'll be so.

Do as little as you can to repent of.

Do business, but be not a slave to it.

Do evil, and look for like.

Do good, and then do it again.

Drinking water neither makes a man sick, nor in debt, nor his wife a widow.

Drunkenness is nothing but voluntary madness.

Drunkenness turns a man out of himself, and leaves a beast in his room.

Each bird loves to hear himself sing.

East or west, home is best.

Easy to keep the castle that was never beseiged.

Do it well, that thou may'st not do it twice

Do not all you can; spend not all you have; believe not all you hear; and tell not all you know.

Do not close a letter without reading it, nor drink water without seeing it.

Do not trust or contend, nor borrow or lend, and you'll gain in the end.

Do nothing hastily but catching of fleas.

Draw not your bow till your arrow's fixed.

Eat a peck of salt with a man before you trust him.

Eat to live, but do not live to eat.

Evening red and morning grey, are unfailing signs of a good day.

Every ass loves to hear himself bray.

Every heart hath its own ache.

Every man hath his hobby horse.

Every man hath his weak side.

Every man is the son of his own works.

Every man knows best where his own shoe pinches.

Every may-be hath a may-be-not.

Every one can keep house better than her mother till she trieth.

Everything hath an end, and a pudding hath two.

Experience is the father of wisdom, and memory the mother.

Experience keeps a dear school, but fools learn in no other.

Experience without learning is better than learning without experience.

Fain would the cat eat fish but she's loth to wet her feet.

Fair and softly goes far in a day.

Fame like a river, is narrowest at its source and broadest afar off.

February makes a bridge and March breaks it.

Fetters of gold are still fetters, and silken cords pinch.

Fie upon hens, quoth the fox, because he could not reach them.

First creep, then go.

Fire and water are good servants, but bad masters.

Flattery is like friendship in show, but not in fruit.

Flattery sits in the parlor when plain dealing is kicked out of doors.

Fools are all the world over, as he said that shod the goose.

Fools build houses and wise men buy them.

For luv of the nurse many kiss the bairn.

Fortune knocks once at least at every man's gate.

Fortune often rewards with interest those that have patience to wait for her.

Fortune wearies with carrying one and the same man always.

Four eyes see more than two.

Friends are like fiddle-strings, they must not be screwed too tight.

Friends tie their purse with a cobweb thread.

Friendship is the most sacred of all moral bonds.

Friendship that flames goes out in a flash.

Friendships multiply joys, and divide griefs.

From saving comes having.

Frightening a bird is not the way to catch it.

From a bad paymaster get what you can.

From many children and little bread, good Lord deliver us!

From our ancestors come our name; but from our virtues our honors.

From prudence peace; from peace abundance.

Frugality is an estate alone.

Gain got by a lie will burn ones fingers.

Gall in mirth is an ill mixture, and sometimes truth is bitter.

Gather thistles expect prickles.

Generally we love ourselves more than we hate others.

Get a name to rise early, and you may lie all day.

Give and spend and God will send.

Get what you can, and what you get hold, 'tis the stone will turn all your lead into gold.

Give a child his will and a whelp his fill, and neither will thrive.

Give losers leave to speak and winners to laugh.

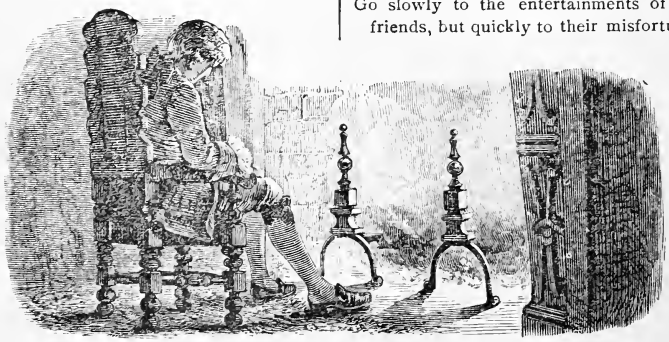
Give neither counsel nor salt till you are asked for it.

Give the piper a penny to play, and twopence to leave off.

Go into the country to hear what news in town.

Go not for every grief to the physician, for every quarrel to the lawyer, nor for every thirst to the pot.

Go slowly to the entertainments of thy friends, but quickly to their misfortunes



Go steal a horse and you'll die without being sick.

Go to bed with the lamb and rise with the lark.

God cures and the doctor takes the fee.

God grant me to contend with those that understand me.

God makes, and apparel shapes, but it's money that finishes the man.

Gold when present, causeth fear; when abset grief.

Golden dreams make men awake hungry.

Good and quickly seldom meet.

Good clothes open all doors.

Good coral needs no coloring.

Good nature is a great misfortune if it want prudence.

God reaches us good things by our own hands.

God send me a friend that may tell me my faults: if not, an enemy and to be sure he will.

God send you more wit and me more money.

Gold goes in at any gate except heaven's.

Gold is no balm to a wounded spirit.

Gold must be beaten, and a child scourged.

Good preachers give fruit and not flowers.

Good take heed doth surely speed.

Good that comes too late, is as good as nothing.

Good weight and measure is heaven's treasure.

Good works will never save you; but you cannot be saved without them.

Goose and gander and gosling are three sounds, but one thing.

Grasp all, lose all.

Grasp no more than thy hand will hold.

Gratitude is the least of virtues, but ingratitude the worst of vices.

Great cry and little wool, quoth the devil, when he sheared his hogs.

Great minds are easy in prosperity, and great in adversity.

Great pain and little gain make a man soon weary.

Great talkers are like leaky pitchers, everything runs out of them.

Grey hairs are death's blossoms.

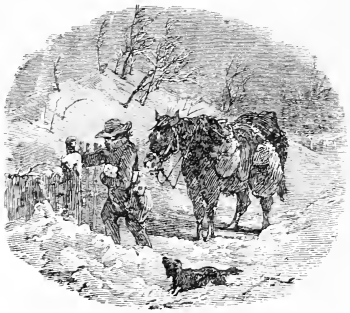
Haste trips up its own heels

Hatred is blind as well as love.

Have a horse of thine own, and thou may'st borrow another.

Have not thy cloak to make when it begins to rain.

He bides as fast as a cat bound to a saucer.



He dances well to whom fortune pipes.

He fasts enough that has a bad meal.

He fasts enough whose wife scolds all dinner time.

He has a hole under his nose that all his money runs into.

He has but sorry food that feasts upon the faults of others.

He has riches enough who needs neither borrow nor flatter.

He has the greatest blind side who thinks he has none.

He has two stomachs to eat, and one to work.

He hath a good judgment, that relieth not wholly on his own.

He hath slept well that remembers not he has slept ill.

He is a slave of the greatest slave, who serveth nothing but himself.

He is my friend that succoreth me, not he that pities me.

He may make a will upon his nail, for anything he has to give.

He must be a sad fellow that nobody can please.

He says everything but his prayers, and those he whistles.

He sits not sure that sits too high.

He sits up by moonshine and lies abed in sunshine.

He steals a hog and gives away the feet in alms

He sups ill who eats up all at dinner.

He teaches me to be good that does me good.

He that builds castles in the air will soon have no land.

He that cheats me anes, shame fa him; if he cheats me twice, shame fa me.

He that died half a year ago is as dead as Adam.

He that eats till he is sick must fast till he is well.

He that falls in the dirt, the longer he lies the dirtier he is.

He that falls to-day may be up again tomorrow.

He that feeds upon charity has a cold dinner, and no supper.

He that finds a thing steals it if he endeavors not to restore it.

He that flings dirt at another dirtieth himself most.

IN THE LIBRARY.

He that gets forgets, but he that wants thinks on.

He that gives to be seen will relieve none in the dark.

He that has a great nose thinks everybody is speaking of it.

He that has an hundred and one, and owes an hundred and two, the Lord have mercy upon him.

He that has an ill name is half hanged.

He that has but four and spends five, has no need of a purse.

He that has no fools, knaves or beggars in his family, was begot by a flash of lightning.

He that keeps up his riches and lives poorly is like an ass that carries gold and eats thistles.

He that kills a man when he's drunk must be hanged when he's sober.

He that payeth beforehand shall have his work ill done.

He that plants trees loves others besides himself.

He that serves everybody is paid by nobody.

He that speaks me fair and loves me not, I'll speak him fair and trust him not.

He that speaks sows; he that hears, reaps.

He that waits for dead men's shoes may go long enough barefoot.

He that wants health wants everything.

He that wants hope is the poorest man alive.

He that will steal an egg will steal an ox.

He that will thrive, must rise at five; he that has thriven, may lie till seven.

He that winketh with one eye and seeth with the other, I would not trust him though he were my brother.

He that's down, down with him, cries the world.

He that's not handsome at twenty, strong at thirty, wise at forty, rich at fifty, will never be handsome, strong, wise or rich.

He to whom God gave no sons, the devil gives nephews.

He who gives fair words feeds you with an empty spoon.

He who greases his wheels helps his oxen.

He who has but one coat cannot lend it.

He who has no shame has no conscience.

He who has not bread to spare should not keep a dog.

He who hath a trade hath a share everywhere.

He who knows nothing is confident in everything.

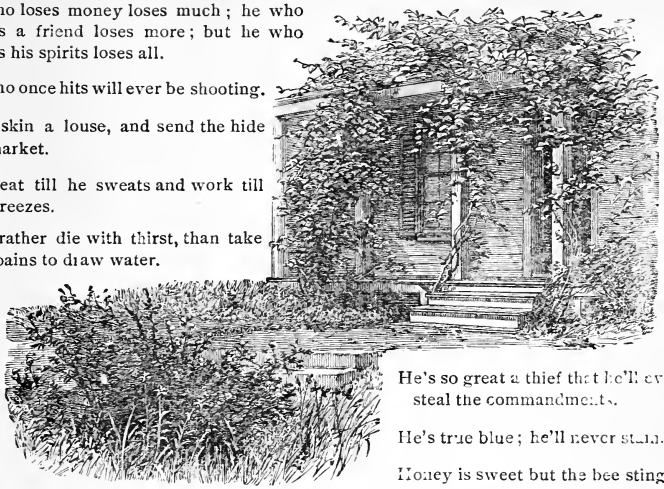
He who loses money loses much; he who loses a friend loses more; but he who loses his spirits loses all.

He who once hits will ever be shooting.

He'd skin a louse, and send the hide to market.

He'll eat till he sweats and work till he freezes.

He'll rather die with thirst, than take the pains to draw water.



He's so great a thief that he'll even steal the commandments.

He's true blue; he'll never stain.

Honey is sweet but the bee stings

He'll swear through an inch board.

He's a little fellow but every bit of that little is bad.

He's a wise man, who, when he's well off, can keep so.

He's an ill boy that goes like a top, only while he's whipt.

He is like a bagpipe; you never hear him till his belly is full.

He's like a fox, grey before he's good.

He's not the best carpenter that makes the most chips.

He's so full of himself that he is quite empty.

He's steel to the backbone.

Honest as the cat when the meat is out of reach.

Honest men marry soon, wise men not at all.

Hope is as cheap as despair.

Hope is grief's best music.

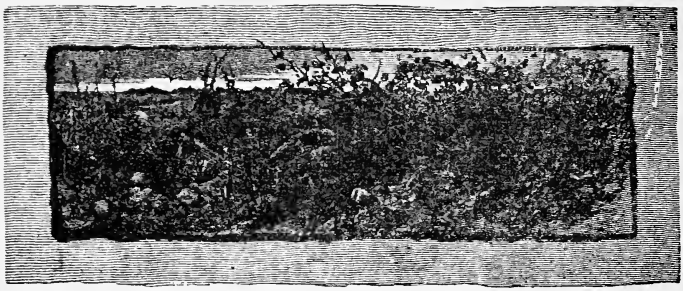
I cannot sell the cow and have the milk.

I deny that with both my hands and all my teeth.

I had rather be fed with jack-boots than such stories.

I have lived too near a wood to be frightened by owls.

I hope I may tie up my own sack when I please.



I love you well but touch not my pocket.

I sell nothing on trust till to-morrow.

I think this is a butcher's horse, he carries a calf so well.

I was well, would be better, took physic and died.

I'll trust him no farther than I can fling him, or I can throw a millstone.

Idle men are the devil's playfellows.

If a lie could have choked him, that would have done it.

If all fools wore white caps, we should look like a flock of geese.

If an ass goes a traveling, he will not come home a horse.

If every bird take back its own feathers you'll be naked.

If Jack's in love he's no judge of Jill's beauty.

If my aunt had been a man, she'd have been my uncle.

If the doctor cures, the sun sees it; but if he kills, the earth hides it.

If the 24th of August be fair and clear, then hope for a prosperous autumn that year.

If thy hand be in a lion's mouth, get it out as fast as thou canst.

If we are bound to forgive an enemy we are not bound to trust him.

If wishes were butter cakes, beggars might bite.

If you had as little money as manners, you'd be the poorest of all your kin.

If you have a loitering servant, place his dinner before him, and send him on an errand.

If you mock the lame, you will go so yourself in time.

If you pity rogues, you are no great friend to honest men.

If you play with boys, you must take boys' play.

If you run after two hares, you will catch neither.

If you squeeze a cork, you will get but little juice.

If you swear, you'll catch no fish.

If you trust before you try, you may repent before you die.

In childhood be modest, in youth temperate, in manhood just, in old age prudent.

In every fault there is folly.

NATIONAL GOVERNMENT.

PRESIDENT.

CHESTER A. ARTHUR (of New York).

Salary, $50,000.

VICE-PRESIDENT.

Vacant.

Salary, $10,000.

THE CABINET.

Salary, $8000 each.

SECRETARY OF STATE—Frederick T. Frelinghuysen, of New Jersey.

SECRETARY OF THE TREASURY—Charles J. Folger, of New York.

SECRETARY OF WAR—Robert T. Lincoln, of Illinois.

SECRETARY OF THE NAVY—William E. Chandler, of New Hampshire.

POSTMASTER-GENERAL—Walter Q. Gresham, of Indiana.

SECRETARY OF THE INTERIOR—Henry M. Teller, of Colorado.

ATTORNEY-GENERAL — Benjamin Harris Brewster, of Pennsylvania.

XLVIII. CONGRESS.

SENATE.

Salary, $5000 each and mileage. President, $8000. The figures following each name show when the term expires.

ALABAMA.
J. T. Morgan, *D.*, '89
Jas. L. Pugh, *D.*, '85

ARKANSAS.
A. H. Garland, *D.*,'89
J. D. Walker, *D.*, '85

CALIFORNIA.
J. T. Farley, *D.*, '85
J. F. Miller, *R.*, '87

COLORADO.
T. M. Bowen, *R.*, '89
N. P. Hill, *R.*, '85

CONNECTICUT.
O. H. Platt, *R.*, '85
J. R. Hawley, *R.*, '87

DELAWARE.
Eli Saulsbury, *D.*, '89
T. F. Bayard, *D.*, '87

FLORIDA.
Wilkinson Call, *D.*,'85
C. W. Jones, *D.*, '87

GEORGIA.
A. H. Colquitt, *D.*,'89
J. E. Brown, *D.*, '85

ILLINOIS.
S. M. Cullom. *R.*, '89
J. A. Logan, *R.*, '85

INDIANA.
D. W. Voorhees. *D.*,'85
Ben Harrison, *R.*, '87

IOWA.
Jas. F. Wilson, *R.*,'89
W. B. Allison. *R.*, '85

KANSAS.
P. B. Plumb, *R.*, '89
J. J. Ingalls, *R.*, '85

KENTUCKY.
J. B. Beck, *D.*, '89
J. S. Williams, *D.*,'85

LOUISIANA.
R. L. Gibson, *D.*, '89
B. F. Jonas, *D.*, '85

MAINE.
W. P. Frye, *R.*, '89
Eugene Hale. *R.*, '87

MARYLAND.
J. B. Groome, *D.*, '85
A. P. Gorman, *D.* '87

MASSACHUSETTS.
Geo. F. Hoar, *R.*, '89
H. L. Dawes. *R.*, '87

MICHIGAN.
T. W. Palmer, *R.*, '89
O. D. Conger, *R.*, '87

MINNESOTA.
S. J. R. M'Millan. *R.* '87
D. M. Sabin, *R.*, '89

MISSISSIPPI.
L. Q. C. Lamar, *D.*, '89
J. Z. George, *D.*, '87

MISSOURI.
Geo. G. Vest, *D.*, '85
F. M. Cockrell, *D.*,'87

NEBRASKA.
C. F. Manderson, *R.*'89
C. H. Van Wyck, *R.* '87

NEVADA.
J. P. Jones. *R.*, '85
J. G. Fair, *D.*, 87

NEW HAMPSHIRE.
A. F. Pike, *R.*, '89
H. W. Blair, *R.*, '85

NEW JERSEY.
J. R. M'Pherson, *D.* '89
W. J. Sewell, *R.*, '87

NEW YORK.
E. G. Lapham. *R.*, '85
Warner Miller, *R.*, '87

N. CAROLINA.
M. W. Ransom. *D.*,'89
Z. B. Vance, *D.*, '85

OHIO.
G. H. Pendleton, *D.*'85
J. Sherman, *R.*, '87

OREGON.
J. N. Dolph, *R.*, '89
J. H. Slater, *D.*, '85

PENNSYLVANIA.
J. D. Cameron, *R.*,'85
J. I. Mitchell, *R.*, '87

RHODE ISLAND.
H. B. Anthony, *R.*, '89
N. W. Aldrich, *R.*, '87

S. CAROLINA.
M. C. Butler, *D.*, '89
W. Hampton, *D.*, '85

TENNESSEE.
I. G. Harris, *D.*, '89
H. E. Jackson, *D.*, '87

TEXAS.
Richard Coke, *D.*, '89
S. B. Maxey, *D.*, '87

VERMONT.
J. S. Morrill, *R.*, '85
G. F. Edmunds, *R.*, '87

VIRGINIA.
H. H. Riddleberger, *I.* '89.
Wm. Mahone, *I.*, '87

WEST VIRGINIA.
J. E. Kenna, *D.*, '89
J. N. Camden, *D.*, '87

WISCONSIN.
A. Cameron, *R.*, '85
P. Sawyer, R., '87

RECAPITULATION.

Democrats..... 36 | Republicans .... 38 | Independents..... 2

HOUSE OF REPRESENTATIVES.

Salary of Members, $5000 each and mileage. Speaker, $8000. Under the latest apportionment the House consists of 325 members. The last previous apportionment provided for 293 members.

ALABAMA.

J. T. Jones, *D.*
H. A. Herbert, *D.*
W. C. Oates, *D.*
C. M. Shelley, *D.*
Thomas Williams, *D.*
G. W. Hewitt, *D.*
W. H. Forney, *D.*
Luke Pryor, *D.*

ARKANSAS.

C. R. Breckinridge, *D.*
P. Dunn, *D.*
James K. Jones, *D.*
John H. Rodgers, *D.*
Samuel W. Peel, *D.*

CALIFORNIA.

Chas. A. Sumner, *D.*
J. R. Glasscock, *D.*
W. S. Rosecrans, *D.*
James H. Budd, *D.*
Barclay Henley, *D.*
P. B. Tulley, *D.*

COLORADO.

J. B. Belford, *R.*

CONNECTICUT.

Wm. F. Eaton, *D.*
Chas. L. Mitchell, *D.*
John T. Wait, *R.*
Ed. W. Seymour, *D.*

DELAWARE.

Chas. B. Lore, *D.*

FLORIDA.

R. H. M. Davidson, *D.*
H. Bisbee, Jr., *R.*

GEORGIA.

Thos. Hardeman, *D.*
John C. Nichols, *D.*
Henry G. Turner, *D.*
Chas. F. Crisp, *D.*
Hugh Buchanan, *D.*
N. J. Hammond, *D.*
James H. Blount, *D.*
J. C. Clements, *D.*
Seaborn Reese, *D.*
A. D. Chandler, *D.*

ILLINOIS.

R. W. Dunham, *R.*
John F. Finerty, *D.*
Geo. R. Davis, *R.*
Geo. E. Adams, *R.*
Reuben Elwood, *R.*
Robert R. Hitt, *R.*
T. J. Henderson, *R.*
Wm. Cullen, *R.*
L. E. Payson, *R.*
N. E. Worthington, *D.*
Wm. H. Neece, *D.*
Jas. M. Riggs, *D.*
Wm. M. Springer, *D.*
J. H. Rowell, *R.*
Jos. G. Cannon, *R.*
Aaron Shaw, *D.*
S. W. Moulton, *D.*
Wm. R. Morrison, *D.*
R. W. Townshend, *D.*
John R. Thomas, *R.*

INDIANA.

John J. Kleiner, *D.*
Thos. R. Cobb, *D.*
S. M. Stockslager, *D.*
Wm. S. Holman, *D.*
C. C. Mattson, *D.*
Thos. M. Browne, *R.*
S. J. Peelle, *R.*
John E. Lamb, *D.*
Thos. B. Ward, *D.*
Thos. J. Wood, *D.*
Geo. W. Steele, *R.*
Robert Lowry, *D.*
Wm. H. Calkins, *R.*

IOWA.

Moses A. McCoid, *R.*
J. H. Murphy, *D.*
D. B. Henderson, *R.*
L. H. Weller, *D.*
James Wilson, *R.*
J. C. Cook, *D.*
John A. Kasson, *R.*
Wm P. Hepburn, *R.*
W. H. M. Pusey, *D.*
A. J. Holmes, *R.*
Isaac S. Struble, *R.*

KANSAS.

E. N. Morrill, *R.*
Lewis Hanback, *R.*
Samuel R. Peters, *R.*
B. W. Perkins, *R.*
John A. Anderson, *R.*
Dudley C. Haskell, *R.*
Thomas Ryan, *R.*

KENTUCKY.

Oscar Turner, *D.*
James F. Clay, *D.*
John E. Halsell, *D.*
T. A. Robertson, *D.*
J. C. S. Blackburn, *D.*
P. B. Thompson, Jr., *D.*
W. W. Culbertson, *R.*
John D. White, *R.*
Albert S. Willis, *D.*
John G. Carlisle, *D.*
Frank Wolford, *D.*

LOUISIANA.

Carleton Hunt, *D.*
E. John Ellis, *D.*
Wm. P. Kellogg, *R.*
N. C. Blanchard, *D.*
J. Floyd King, *D.*

MAINE.

Chas. A. Boutelle, *R.*
Seth L. Milliken, *R.*
Thomas B. Reed, *R.*
Nelson Dingley, Jr., *R.*

MARYLAND.

G. W. Covington, *D.*
J. F. C. Talbott, *D.*
F. S. Hoblitzell, *D.*
J. V. L. Findlay, *D.*
Hart B. Holton, *R.*
L. E. McComas, *R.*

MASSACHUSETTS.

Robert T. Davis, *R.*
John D. Long, *R.*
A. A. Ranney, *R.*
P. A. Collins, *D.*
Leopold Morse, *D.*
H. B. Lovering, *D.*
Eben F. Stone, *R.*
Wm. A. Russell, *R.*
Theodore S Lyman, *R.*
Wm. W. Rice, *R.*
William Whiting, *R.*
Geo. D. Robinson, *R.*

MICHIGAN.

Wm. C. Maybury, *D.*
N. B. Eldredge, *D.*
Edward S. Lacey, *R.*
George L. Yaple, *D.*
Julius Houseman, *D.*
Edwin B. Winans, *D.*
Ezra C. Carleton, *D.*
Roswell G. Horr, *R.*
B. M. Cutcheon, *R.*
H. H. Hatch, *R.*
Edward Breitung, *R.*

MINNESOTA.

Milo White, *R.*
Jas. B. Wakefield, *R.*
Horace B. Strait, *R.*
W. D. Washburn, *R.*
Knute Nelson, *R.*

MISSISSIPPI.

H. L. Muldrow. *D.*
Van H. Manning, *D.*
E. S. Jeffords, *R.*
H. D. Money, *D.*
O. R. Singleton, *D.*
H. S. Van Eaton, *D.*
Ethel Barksdale, *D.*

MISSOURI.

Wm. H. Hatch, *D.*
A. M. Alexander, *D.*
A. M. Dockery, *D.*
James N. Burns, *D.*
Alexander Graves, *D.*
John Cosgrove, *D.*
A. H. Buckner, *D.*
John J. O'Neill, *D.*
J. O. Broadhead, *D.*
Martin L. Clardy, *D.*
R. P. Bland, *D.*
Chas. H. Morgan, *D.*
R. W. Fyan. *D.*
L. H. Davis, *D.*

NEW JERSEY.

Thos. M. Ferrell, *D.*
J. Hart Brewer, *R.*
John Kean, Jr., *R.*
B. F. Howey, *R.*
W. Walter Phelps, *R.*
W. H. F. Fiedler, *D.*
William McAdoo, *D.*

NEW HAMPSHIRE.

M. A. Haynes, *R.*
Ossian Ray, *R.*

NEBRASKA.

A. J. Weaver, *R.*
E. K. Valentine, *R.*
James Laird, *R.*

NEVADA.

Geo. W. Cassidy, *D.*

NEW YORK.

H. W. Slocum, *D.*
Perry Belmont, *D.*
W. E. Robinson, *D.*
D. R. James. *R.*
Felix Campbell, *D.*
Nicholas Muller, *D.*
H. G. Burleigh, *R.*
F. A. Johnson, *R.*
A. X. Parker, *R.*
Edward Wemple, *D.*
George W. Ray, *R.*
Chas. R. Skinner, *R.*

Samuel S. Cox, *D.*
W. Dorsheimer, *D.*
John J. Adams, *D.*
John Hardy, *D.*
A. S. Hewitt, *D.*
Orlando B. Potter, *D.*
Waldo Hutchins, *D.*
J. H. Ketcham, *R.*
Lewis Beach, *D.*
J. H. Bagley, Jr., *D.*
T. J. Van Alstyne, *D.*
J. Thos. Spriggs, *D.*
N. W. Nutting, *R.*
Frank Hiscock, *R.*
Serano E. Payne, *R.*
J. W. Wadsworth, *R.*
S. C. Millard, *R.*
John Arnot, *D.*
H. S. Greenleaf, *D.*
Robert S. Stevens, *D.*
Wm. F. Rogers, *D.*
F. B. Brewer, *R.*

NORTH CAROLINA.

R. I. Bennett, *D.*
Thos. T. Skinner, *D.*
Jas. E. O'Hara, *R.*
W. J. Green, *D.*
Wm. R. Cox, *D.*
A. M. Scales. *D.*
Clement Dowd, *D.*
Tyre York. *D.*
Robert B. Vance, *D.*

OHIO.

John F. Follett, *D.*
Isaac M. Jordon, *D.*
R. M. Murray, *D.*
Benj. Lefevre, *D.*
George E. Seney, *D.*
Wm. D. Hill, *R.*
Henry L. Morey, *R.*
J. W. Keifer, *R.*
J. S. Robinson, *R.*
Frank H. Hurd, *D.*
J. W. McCormick, *R.*
Alphonso Hart, *R.*
Geo. L. Converse, *D.*
Geo. W. Geddes, *D.*
A. J. Warren, *D.*
Beriah Wilkins, *D.*
Joseph D. Taylor, *R.*
W. McKinley, Jr., *R.*
Ezra B. Taylor, *R.*
David R. Paige, *D.*
Martin A. Foran, D.

OREGON.

M. C. George, *R.*

PENNSYLVANIA.

H. H. Bingham, *R.*
Charles O'Neill, *R.*
S. J. Randall, *D.*
Wm. D. Kelley, *R.*
A. C. Harmer, *R.*
J. B. Everhart, *R.*
Isaac N. Evans, *R.*
D. Ermentrout, *D.*
A. Herr Smith, *R.*
Wm. Mutchler, *D.*
John B. Storm, *D.*
D. W. Connolly, *D.*
Chas. N. Brumm, *R.*
S. F. Barr, *R.*
George A. Post, *D.*
Wm. W. Brown, *R.*
J. M. Campbell, *R.*
L. E. Atkinson, *R.*
Wm. A. Duncan, *D.*
A. G. Curtin, *D.*
Charles E. Boyle, *D.*
J. H. Hopkins, *D.*
Thos. M. Bayne, *R.*
G. V. Lawrence, *R.*
John D. Patton, *D.*
S H. Miller, *R.*
S. M. Brainerd. *R.*
M. F. Elliott, *D.*

RHODE ISLAND.

H. J. Spooner, *R.*
Jonathan Chace, *R.*

SOUTH CAROLINA.

Samuel Dibble, *D.*
G. D. Tillman, *D.*
D. Wyatt Aiken, *D.*
John H. Evins, *D.*
John J. Hemphill, *D.*
Geo. W. Dargan, *D.*
E. W. M. Mackey, *R.*

TENNESSEE.

A. H. Pettibone, *R.*
Leon C. Houk, *R.*
Geo. G. Dibrell, *D.*
Benton McMillin, *D.*
Jas. D. Tillman, *D.*
A. J. Caldwell, *D.*
J. G. Ballentyne, *D.*
John M. Taylor, *D.*
Rice A. Pearce, *D.*
Casey Young, *D.*

TEXAS.

Charles Stewart, *D.*
John H. Reagan, *D.*
James H. Jones, *D.*
D. B. Culberson, *D.*
J. W. Throckm'rton, *D.*
Olin Wellborn, *D.*
Thos. P. Ochiltree, *R.*
J. F. Miller, *D.*
Roger Q. Mills, *D.*
John Hancock, *D.*
S. W. T. Lanham, *D.*

VERMONT.

John W. Stewart, *R.*
Luke P. Polland, *R.*

VIRGINIA.

John S. Wise, *Rj.*
R. M. Mayo, *R.*
B. H. Libby, *Rj.*
George D. Wise, *D.*
B. S. Hooper, *Rj.*
George C. Cabell, *D.*
J. R. Tucker, *D.*
Vacancy.
John S. Barbour, *D.*
Henry S. Bowen, *Rj.*

WEST VIRGINIA.

Nathan Goff, *R.*
Wm. L. Wilson, *D.*
C. P. Snyder, *D.*
Eustace Gibson, *D.*

WISCONSIN.

John Winans, *D.*
Dan'l H. Sumner, *D.*
Burr W. Jones, *D.*
Peter V. Deuster, *D.*
Joseph Rankin, *D.*
Rich'd Guenther, *D.*
G. M. Woodward, *R.*
William T. Price, *R.*
Isaac Stephenson, *R.*

RECAPITULATION.

Republicans..... 129—Democrats..... 196

STANDARD TIME.

On Sunday, November 18, 1883, most of the railroad companies of the United States began to run their trains by "Standard Time." This time is calculated for the meridians of 60, 75, 90 and 105 degrees of longitude west from Greenwich. Each of these meridian lines is made the centre of a space or belt 15 degrees in width, and over these spaces the time of running trains is regulated by the time at the centre meridian line of each belt. This method of computing time has been generally, and in many cities officially, adopted. Sixtieth meridian time, or "Atlantic Time," applies to New Brunswick, Nova Scotia, etc. The next division, that from 67½ to 82½ degrees, is governed by 75th meridian, or "Eastern Time." This belt extends from the eastern boundary of Maine nearly to Detroit, Mich. "Central Time" prevails for a space extending from 82½ to 97½ degrees. The time between 97½ and 112½ degrees is known as "Mountain Time." Beyond the 112½ degree line "Western Time" is the standard. The variation of time between adjacent belts is exactly one hour, the faster time being at the East. Thus, at 12 o'clock M., "Eastern Time," it is 11 A.M. "Central Time," 10 A.M. "Mountain Time," and 9 A.M. "Western Time.'

The astronomical calculations in this Almanac were made before the adoption of Standard Time.

STATE AND TERRITORIAL GOVERNMENTS.

States and Territories.	Capitals.	Governors.	Salaries.	Term Years.	Terms Expire.	Next Session Legis. begins.	Leg. Joint Bal.	Rep. in Cong.	Time of Election.	Population. Census 1880	Area. Sq. Mi
Alabama	Montgomery	E. A. O Neal, *D*	$ 4,000	2	Nov., 1884	*Nov., 1884	Dem.	8	1st Monday in August	1,262,505	50,722
Alaska Territory	Sitka										577,390
Arizona Territory	Tucson	†F. A. Tritle, *R*	2,600	4	April, 1884	*Jan., 1885	Rep.	¶ 1	Tues. after 1st Mon. in Nov.	40,440	113,916
Arkansas	Little Rock	James H. Berry, *D*	3,500	2	Jan., 1885	*Jan., 1885	Dem.	5	1st Monday in September	802,525	52,198
California	Sacramento	George Stoneman, *D*	6,000	3	Jan., 1886	*Jan., 1884	Dem.	6	Tues. after 1st Mon. in Nov.	864,694	188,981
Colorado	Denver	James B. Grant, *D*	3,000	2	Jan., 1885	*Jan., 1885	Dem.	1	1st Tuesday in October	194,327	104,500
Connecticut	Hartford	Thomas M. Waller, *D*	2,000	2	Jan., 1885	Jan., 1884	Rep.	4	Tues. after 1st Mon. in Nov.	622,700	4,750
Dakota Territory	Bismarck	†N. G. Ordway, *R*	2,600	4	May, 1884	*Jan., 1885	Rep.	¶ 1	" " "	135,177	152,000
Delaware	Dover	Charles C. Stockley, *D*	2,000	4	Jan., 1885	*Jan., 1885	Dem.	1	" " "	146,608	2,120
District of Columbia	Washington									177,624	60
Florida	Tallahassee	Wm. D. Bloxham, *D*	3,500	4	Jan., 1885	*Jan., 1885	Dem.	2	" " "	269,493	59,268
Georgia	Atlanta	W. M. McDaniel, *D*	3,000	2	Jan., 1885	Nov , 1883	Dem	10	1st Wednesday in October	1,542,180	58,000
Idaho Territory	Boise City	†John B. Neil, *R*	2,600	4	July, 1884	*Dec., 1883	Rep.	¶ 1	1st Wednesday in Nov.	32,610	90,932
Illinois	Springfield	J. M. Hamilton, *R*	6,000	4	Jan., 1885	*Jan., 1885	Rep.	20	Tues. after 1st Mon. in Nov.	3,077,871	55,410
Indiana	Indianapolis	A. G. Porter, *R*	5,000	4	Jan., 1885	*Jan., 1885	Dem.	13		1,978,301	33,809
Iowa	Des Moines	Buren R. Sherman, *R*	4,000	2	Jan., 1886	*Jan., 1884	Rep.	11	" " "	1,624,650	55,045
Indian Territory	Talequah										68,991
Kansas	Topeka	Geo. W. Glick, *D*	3,000	2	Jan., 1885	*Jan., 1885	Rep.	7	Tues. after 1st Mon. in Nov.	996,096	88,318
Kentucky	Frankfort	J. Proctor Knott, *D*	5,000	4	Sept., 1887	*Jan., 1885	Dem.	11	1st Monday in August	1,648,690	37,680
Louisiana	Baton Rouge	S. D. McEnery, *D*	4,000	4	May, 1884	*Jan., 1884	Dem.	6	1st Monday in November	939,946	41,346
Maine	Augusta	W. T. Robie, *R*	2,000	2	Jan., 1885	*Jan., 1884	Rep.	4	2d Monday in September	648,936	35,000
Maryland	Annapolis	Robt. M. McLane, *D*	4,500	4	Jan., 1888	Jan., 1884	Dem.	6	Tues. after 1st Mon. in Nov.	934,943	11,124
Massachusetts	Boston	G. D. Robinson, *R*	4,000	1	Jan., 1885	*Jan., 1885	Rep.	12	" " "	1,783,085	7,800
Michigan	Lansing	Josiah W. Begole, *D. & G.*	1,000	2	Jan., 1885	*Jan., 1885	Rep.	11	" " "	1,636,937	56,451
Minnesota	St. Paul	L. F. Hubbard, *R*	3,800	2	Jan., 1886	*Jan., 1885	Rep.	5	" " "	780,773	83,531
Mississippi	Jackson	Robert Lowry, *D*	4,000	4	Jan., 1886	*Jan., 1884	Dem.	7	" " "	1,131,597	47,156
Missouri	Jefferson City	T. T. Crittenden, *D*	5,000	4	Jan., 1885	*Jan., 1885	Dem.	14	" " "	2,168,380	65,350
Montana Territory	Helena	†J. S. Crosby, *R*	2,600	4	July, 1886	*Jan., 1885	Rep.	¶ 1	1st Monday in November	39,159	143,776
Nebraska	Lincoln	Jas. W. Dawes, *R*	2,500	2	Jan., 1885	*Jan., 1885	§Dem.	3	Tues. after 1st Mon. in Nov.	452,402	75,955
Nevada	Carson City	Jewett W. Adams, *D*	6,000	4	Jan., 1885	*Jan., 1885	Dem.	1	" " "	62,261	81,539
New Hampshire	Concord	Samuel W. Hale, *R*	1,000	2	June, 1885	Jan., 1884	Rep.	2	" " "	346,991	9,280
New Jersey	Trenton	Leon Abbett, *D*	5,000	3	Jan., 1887	*Jan., 1885	Dem.	7	" " "	1,131,116	8,320
New Mexico Territory	Sante Fe	†L. R. Sheldon, *R*	2,600	4	Sept., 1886	Jan., 1884	Rep.	¶ 1	" " "	119,565	121,201
New York	Albany	Grover Cleveland, *D*	10,000	3	Jan., 1886	*Jan., 1885	Rep.	34	" " "	5,082,871	47,000
North Carolina	Raleigh	T. J. Jarvis, *D*	4,000	4	Dec., 1885	*Jan., 1885	Dem.	9	" " "	1,399,750	50,704
Ohio	Columbus	George Hoadly, *D*	4,000	2	Jan., 1886	*Jan., 1884	Dem.	21	2d Tuesday in October	3,198,062	39,964
Oregon	Salem	Z. L. Moody, *R*	1,500	4	Sept., 1886	*Sept., 1883	Rep.	1	1st Monday in June	174,768	95,274
Pennsylvania	Harrisburg	Robert E. Pattison, *D*	10,000	4	Jan., 1887	*Jan., 1885	Dem.	28	Tues. after 1st Mon. in Nov.	4,282,891	46,600
Rhode Island	Newport & Prov.	Augustus O. Bourn, *R*	1,000	1	May, 1884	Jan., 1884	Rep.	2	1st Wednesday in April	276,531	1,306
South Carolina	Columbia	Hugh S. Thompson, *D*	3,500	2	Dec., 1884	Nov., 1883	Dem.	7	Tues. after 1st Mon. in Nov.	995,577	34,000
Tennessee	Nashville	Wm. H. Bate, *D*	4,000	2	Jan., 1885	*Jan., 1885	Dem.	10	" " "	1,542,359	45,000
Texas	Austin	John Ireland, *D*	4,000	2	Jan., 1885	*Jan., 1885	Dem.	11	" " "	1,591,749	274,356
Utah Territory	Salt Lake City	‡E. H. Murray, *R*	2,600	4	July, 1883	*Jan., 1884	Dem.	¶ 1	1st Monday in August	143,963	88,056
Vermont	Montpelier	G. L. Barstow, *R*	1,000	2	Oct., 1884	*Oct., 1884	Rep.	2	1st Tuesday in September	332,286	10,212
Virginia	Richmond	‡W. E. Cameron, *R*	5,000	4	Jan., 1886	*Dec., 1883	Dem.	10	Tues. after 1st Mon. in Nov.	1,512,565	38,352
Washington Territory	Olympia	†William A. Newell, *R*	2,600	4	April, 1884	*Oct., 1883	Rep.	¶ 1	" " "	75,116	69,994
West Virginia	Wheeling	Jacob B. Jackson, *D*	2,700	4	Mar., 1885	*Jan., 1885	Dem.	4	2d Tuesday in October	618,457	23,000
Wisconsin	Madison	J. M. Rusk, *R*	5,000	2	Jan., 1885	*Jan., 1884	Rep.	9	Tues. after 1st Mon. in Nov.	1,315,497	56,924
Wyoming Territory	Cheyenne	†William Hale, *R*	2,600	4	Aug., 1886	*Nov., 1885	Rep.	¶ 1	1st Tuesday in September	20,789	88,000

* Biennial Sessions. † Appointed by President. ‡ Readjuster. § Dem. and Anti-Monopoly. ¶ Delegate. Democratic Governors of States, 25; Republican, 12; Readjuster, 1.

RATES OF POSTAGE.

LETTERS, ETC.

Each ½ oz.

Mail letters..... 2 cents.
Drop letters at letter carrier offices..... 2 "
Drop letters at NON letter carrier offices..... 1 "
Drawings, plans, designs, and all matter sealed against inspection, 2 cents each ½ oz. or fraction oz.
Registered letters, 10 cents in addition to the proper postage.
Newspapers and periodicals to regular subscribers, weekly or oftener, 2 cents a lb.
Transient newspapers, 1 cent each 2 oz.
THIRD CLASS MATTER.—Books (printed and blank), circulars, other printed matter, proof sheets, corrected proof sheets and manuscript, copy accompanying same, valentines, heliotypes, chromos, posters, lithographs, stereoscopic views, photographs, 1 cent each 2 oz.
Newspapers (except weeklies to subscribers), circulars and periodicals, not 2 oz. in weight, deposited in letter carrier offices for local delivery, 1 cent each.
FOURTH CLASS MATTER.—Printed envelopes in quantity, blank bills, letter heads, blank cards, flexible patterns, plain envelopes and letter paper, sample cards, merchandise, models, sample ores, metals, minerals, seeds, cuttings, bulbs, roots, not exceeding 4 lbs. in weight, 1 cent each oz. or fraction of oz.
Patterns and samples to Canada, 10 cents prepaid for each 8 oz. or fraction.
First, third, and fourth class matter may be registered at 10 cents each package in addition to regular postage.
All matter not prepaid at letter rates must be so wrapped that it can be examined without destroying the wrapper, and can name contents, from whom, and address, and nothing more. A business card may be printed, impressed, or pasted on the wrappers. Liquids, poisons, explosives, and other dangerous matters are excluded.

POSTAGE TO FOREIGN COUNTRIES.

LETTERS.	*Not exc. ½ oz. Cents.*	*Newspapers per ea. 2 oz. Cents.*
Africa, west coast, British possessions	*5	1
Aspinwall	*5	1
New South Wales, Victoria, Queensland, via San Francisco	12	2
Australia, except above places, via San Francisco	5	2
Austria	*5	1
Belgium	*5	1
Bermuda, via New York	*5	1
Brazil	*5	1
Canada, Nova Scotia, etc	2	1
Newfoundland	*5	1
Cape Good Hope, British mail	*15	3
Bolivia, via Aspinwall	17	4
Chili, Ecuador, and Peru	*5	1
China—Amoy, Canton, Chee Foo, Hong Kong Shanghai, via San Francisco	*5	1
China, via England and Brindisi	*13	4
Cuba	*5	1
Denmark	*5	1
France and Colonies	*5	1
Germany	*5	1
Great Britain and Ireland	*5	1
Holland	*5	1
India, British, via Brindisi	*5	1
India, French and Portuguese Colonies	*5	1
Italy	*5	1
Japan and Trisum-po, Corea, via San Francisco	*5	1
Liberia, via Southampton	*5	1
Mexico	*5	1
Natal, British mail	*15	4
New Zealand, via San Francisco	*12	2
New Zealand, via Brindisi	*15	3
Norway and Sweden	*5	1
Portugal	*5	1
Russia	*5	1
Sandwich Islands, via San Francisco	5	1
Shanghai, via San Francisco	5	2
Spain	*5	1
Switzerland	*5	1
Turkey—Europe and Asia	*5	1
Venezuela	*5	1
West Indies direct, or via St. Thomas	*5	1

The asterisk (*) indicates that the postage may be prepaid or not, at the option of the sender of the letter.
International postal cards, price 2 cents, may be sent to any of the above-mentioned countries where the postage is designated at 5 cents.

MONEY ORDERS.

No fractions of cents allowed in any money order.
Rates on money orders in United States:

On orders not exceeding $10				8 cents.
Over $10 to $15				10 "
" 15 "	30			15 "
" 30 "	40			20 "
" 40 "	50			25 "
" 50 "	60			30 "
" 60 "	70			35 "
" 70 "	80			40 "
" 80 "	100			45 "

Money orders to Great Britain or Ireland: Not exceeding $10, twenty-five cents; over $10 to $20, fifty cents; over $20 to $30, seventy cents; over $30 to $40, eighty-five cents; over $40 to $50, one dollar.
Money orders to German Empire, France, Italy, Canada, Algeria, Switzerland, Jamaica, New Zealand, New South Wales, Victoria, Belgium, Portugal, and Tasmania: Not exceeding $10, fifteen cents; over $10 to $20, thirty cents; over $20 to $30, forty-five cents; over $30 to $40, sixty cents; over $40 to $50, seventy-five cents.
Money orders can be made payable in Denmark, Sweden and Norway, Netherlands and Luxemburg, through Germany, at German rates. In Austria and Hungary, through Switzerland, at Swiss rates. To India, not exceeding $10, thirty-five cents; over $10 to $20, seventy cents; over $20 to $30, $1; over $30 to $40; $1.25; over $40 to $50, $1.50.
Postal notes are furnished by any postmaster for any amount under $5, at a cost of three cents each.

STATE OF PENNSYLVANIA.

Governor—ROBERT E. PATTISON, *D.* Salary, $10,000.
Lieutenant-Governor—CHAUNCEY F. BLACK, *D.* Salaries, $3,500.
Secretary of the Commonwealth—WM. S. STENGER, *D.* Salaries, $5,100 and fees.
Attorney-General—LEWIS C. CASSIDY, *D.* Salaries, $3,500 and fees.
State Treasurer—SILAS M. BAILY, *R.* Salaries, $6,200.
(Will be succeeded by WM. LIVSEY, *R.*, May 1, 1884.)
Secretary of Internal Affairs—J. SIMPSON AFRICA, *D.* Salaries, $3,500.
Auditor-General—JOHN A. LEMON, R. Salaries, $4,200.
(Will be succeeded by JEROME B. NILES, *R.*, May 1. 1884.)

STATE SENATE.

The Senate consists of 30 Republicans and 20 Democrats. Each Senator receives $1,000 per session and mileage; President *pro tem.*, $500 extra.

1. George Handy Smith, *R.*
2. Joseph P. Kennedy, *D.*
3. James Gay Gordon, *D.*
4. John J. MacFarlane, *R.*
5. John E. Reyburn, *R.*
6. Robert Adams, Jr., *R.*
7. John C Grady, *R.*
8. Benjamin F. Hughes, *R.*
9. Thomas V. Cooper, *R.*
10. C. S Vandegrift, Jr., *D.*
11. Edward H. Shearer, *D.*
12. William H. Sutton, *D.*
13. Amos H. Mylin, *R.*
14. J. M. Stehman, *R.*
15. A. J. Herr, *R.*
16. M. C. Henninger, *D.*
17. Cyrus R. Lantz, *R.*
18. Jeremiah S. Hess, *D.*
19. A. D. Harlan, *R.*
20. L. A. Watres, *R.*
21. Eckley B. Coxe, *D.*
22. John D. Biddis, *D.*
23. Wm. T. Davies, *R.*
24. W. W. Hart, *D.*
25. Lewis Emery, Jr., *R.*
26. W. M. Nelson, *D.*
27. S. P. Wolverton, *D.*
28. J. H. Ross, *D.*
29. L. R. Keefer, *R.*
30. Charles F. King, *D.*
31. Charles H. Smiley, *R.*
32. Samuel C. Wagner, *D.*
33. John Stewart, *R.*
34. Wm. A. Wallace, *D.*
35. Henry A. Boggs, *R.*
36. J. H. Longenecker, *R.*
37. W. J. McKnight, *R.*
38. John G. Hall, *D.*
39. H. P. Laird, *D.*
40. Alexander Patton, *D.*
41. John M. Greer, *R.*
42. Hugh McNeil, *R.*
43. John Upperman, *R.*
44. W. F. Aull, *R.*
45. M. A. Arnholt, *R.*
46. F. H. Agnew, *R.*
47. Geo. W. McCracken, *R.*
48. J. W. Lee, *R.*
49. James Sill, *R.*
50. Homer T. Humes, *D.*

HOUSE OF REPRESENTATIVES.

The House consists of 112 Democrats, 87 Republicans, and 2 Independent Republicans. Members receive $1,000 each per session and mileage; Speaker, $500 extra.

ADAMS.
R. W. Bream, *D.*
Frank Sneeringer, *D.*

ALLEGHENY.
N. H. Voeghtly, *R.*
James L. Graham, *R.*
John Parkhill, *R.*
R. M. Snodgrass, *R.*
S. L. Mawhinney, *R.*
Charles Dugan, *D.*
William Wiehe, *D.*
R. M. McClarran, *R.*
S. M. Lafferty, *R.*
A. C. Robertson, *R.*
J. W. Morrison, *R.*
W. E. Thompson, *R.*
Nicholas Hogue, *R.*
J. W. Nesbit, *R.*

ARMSTRONG.
A. D. Glenn, *R.*
Lee Thompson, *R.*

BEAVER.
A. R. Thompson, *D.*
J. E. McCabe, *D.*

BEDFORD.
James W. Hughes, *D.*
Robert C. McNamara, *D.*

BERKS.
Henry D. Green, *D.*
Asa G. W. Smith, *D.*
George K. Lorah, *D.*
Charles A. Seidel, *D.*
Isaac Z. Deck, *D.*
J. W. Sponagle, *D.*

BLAIR.
Theodore Burchfield, *R.*
J. A. Rohrer, *R.*

BRADFORD.
B B. Mitchell, *R.*
E. J. Ayres, *R.*
J. P Coburn, *R.*

BUCKS.
C. H. Wonsidler, *D.*
J. Miles Jamison, *D.*
Thomas MacReynolds, *D.*
James M. Snyder, *D.*

BUTLER.
J. T. Donly, *R.*
Jacob Ziegler, *D.*

CAMBRIA
Nathaniel Horne, *D.*
Joseph McDonald, *D.*

CAMERON.
Joseph M. Shafer, *D.*

CARBON.
E. H. Snyder, *D.*
John J. Gallagher, *D.*

CENTRE.
Benjamin F. Hunter, *D.*
Henry Meyer, *D.*

CHESTER.
John T. Potts, *R.*
Theodore K. Stubbs, *R.*
William Wayne, *R.*
Levi Fetters, *R.*

CLARION.
A. M. Neeley, *D.*
W. A. Beer, *D.*

CLEARFIELD.
J. P. Taylor, *D.*

CLINTON.
Joseph W. Merry, *D.*

COLUMBIA.
T. J. Vanderslice, *D.*
William Bryson, *D.*

CRAWFORD.
Joseph McCrum, *D.*
F. W. Ellsworth, *D.*
Isaac Nelson, *D.*
S. Slocum, *R.*

CUMBERLAND.
George M. Eckels, *D.*
John Graham, *D.*

DAUPHIN.
David C. Burnite, *R.*
A. F Thompson, *R.*
William H. Hoofnagle, *R.*

DELAWARE.
Robert Chadwick, *R.*
William G. Powell, *R.*

ELK.
J. L. Brown, *D.*

ERIE.
John W. Walker, *D.*
H. A. Traut, *R.*
J. B. Brown, *R.*
A. W. Hayes, *R.*

FAYETTE.
Smith Buttermore, *D.*
J. Hugh Gilmore, *D.*

FOREST.
E. L. Davies, *R.*

FRANKLIN.
James H. Clayton, *R.*
John L. Grier, *D.*
John T. Woods, *D.*

FULTON.
James A. Harris, *D.*

GREENE.
Andrew Lantz, *D.*

HUNTINGDON.
Thomas W. Myton, *R.*
Thomas H. Adams, *D.*

INDIANA.
John Lowry, *R.*
W. C. Brown, *R.*

JEFFERSON.
R. J. Nicholson, *R.*

JUNIATA.
W. C. Pomeroy, *R.*

LANCASTER.
E. G. Snyder, *D.*
William Brosius, *R.*
J. H. Landis, *R.*
Pierson M. Eberly, *R.*
Aaron W. Snader, *R.*
E. P. Hoover, *R.*

LAWRENCE.
Ellis Morrison, *R.*
John N. Emery, *R.*

LEBANON.
Theodore B. Klein, *R.*
John J. Houston, *R.*

LEHIGH.
P. F. Boyle, *D.*
William B. Erdman, *D.*
Amandas Sieger, *D.*

LYCOMING.
T. F. Gahan, *D.*
D. B. Waltz, *D.*
D. F. Dietrick, *D.*

LUZERNE AND LACKAWANNA.
Herman C. Fry, *D.*
Steuben Jenkins, *D.*
W. H. Hines, *D.*
James A. Sweeney, *D.*
J. S. La Touche, *R.*
L. Ammerman, *D.*
Jno. E. Roche, *D.*
J. L. McMillan, *D.*
T. J. Duggan, *D.*

M'KEAN.
David Sterrett, *R.*

MERCER.
Levi Morrison, *R.*
J. W. Ormsby, *D.*
Nelson Martin, *D.*

MIFFLIN.
W. H. Parcels, *D.*

MONROE.
M. F. Coolbaugh, *D.*

MONTGOMERY.
J. C. Dannehower, *D.*
Theodore M. Harrar, *D.*
John Linderman, *D.*
L. H. Davis, *D.*
Stephen D. Yerkes, *D.*

MONTOUR.
James McCormick, *D.*

NORTHAMPTON.
J. P. Engleman, *D.*
Pennell C. Evans, *D.*
Josiah J. Ealer, *D.*

NORTHUMBERLAND.
R. C. McWilliams, *D.*
James Riland, *D.*

PERRY.
William H. Sponcler, *R.*

PIKE.
George Geyer, *D.*

POTTER.
R. L. White, *R.*

PHILADELPHIA.
W. S. Molineaux, *R.*
Henry McDonald, *R.*
Patrick O'Niell, *D.*
James C. Hassett, *D.*
W. J. Carberry, *D.*
John Donohue, *D.*
George J. Schwartz, *R.*
Hugh E. Mackin, *D.*
Alexander H. White, *R.*
H. K. Boyer, *R.*
W. C. Bullitt, *D.*
Upton H. White, *D.*
George W. Hall, *R.*
Albert Crawford, *D.*
Charles R. Gentner, *D.*
William H. Vogdes, *R.*
S. J. Gavitt, *R.*
George C. Morgan, *D.*
James Neill, *R.*
Alexander Morgan, *I. R.*
Emanuel Furth, *D.*
John E. Faunce, *D.*
William F. Stewart, *R.*
Henry Vaughn, *R.*
William Emsley, *R.*
Peter Saybolt, *R.*
S. J. Hathersoll, *R.*
Franklin Hall, *I R.*
B. F. Abbett, *D.*
Robert R. Deardon, *R.*
William H. Brooks, *R.*
George S. Clark, *R.*
T. Ross Hanson, *D.*
Ichabod Fortner, *D.*
John H. Sinex, *R.*
Paul Kavanaugh, *R.*
H. P. Connell, *R.*
James E. Romig, *R.*

SCHUYLKILL.
Thos. J. Higgins, *D.*
James E. Brennan, *D.*
Edwin Schlicher, *D.*
Edward Hummell, *D.*
F. E. Stus, *D.*
Henry Fulmer, *D.*

SNYDER.
Charles Miller, *R.*

SOMERSET.
A. J. Colborn, *R.*
William D. Morgan, *R.*

SULLIVAN.
B. S. Collins, *D.*

SUSQUEHANNA.
Stanley N. Mitchell, *R.*
W. T. Barnes, *R.*

TIOGA.
J. B. Niles, *R.*
Charles Tubbs, *R.*

UNION.
S. H. Himmelreich, *D.*

VENANGO.
W. J. Hulings, *R.*
J. S. Gates, *D.*
William Hasson, *D.*

WARREN.
Charles M. Short, *R.*

WASHINGTON.
H. J. Vankirk, *R.*
R. W. Parkison, *R.*
C. W. Townsend, *D.*

WAYNE.
Barnard Reilly, *D.*
Charles H. Gardner, *R.*

WESTMORELAND.
Jacob J. Bierer, *D.*
John A. Bennett, *D.*
Joseph Smith, *D.*

WYOMING.
J. M Carey, *D.*

YORK.
Morris M. Hays, *D.*
William B. Bigler, *D.*
M. J. Blackford, *D.*
J. C. Devenney, *D.*

RECAPITULATION.

	Democrats.	Republicans.	Ind. Republicans.
Senate	20	30	0
House	112	87	2

Democratic Majority on joint ballot, 13.

PENNSYLVANIA ELECTION RETURNS.

Counties.	Auditor-General, 1883.				Treasurer, 1883.		Governor, 1882.				
	Niles, *R.*	Taggart, *D.*	Fordham, *P.*	Ryndder, *G.*	Livsey, *R.*	Powell, *D.*	Pattison, *D.*	Beaver, *R.*	Stewart, *Ind.*	Pettit, *Tem.*	Armstrong *Lab.*
Adams	2203	2620	.....	14	2212	2620	3181	2606	148	.....	83
Allegheny	19833	13087	334	328	20757	12255	16834	18679	4726	237	4587
Armstrong	2379	2335	54	9	2397	2317	3351	3568	185	.....	355
Beaver	3122	2783	28	48	3139	2758	3055	2783	734	17	437
Bedford	2859	3099	4	10	2859	3103	3406	3021	192	3	72
Berks	6518	12622	28	20	6525	12613	15922	8142	259	34	235
Blair	4142	3542	276	90	4144	3537	3970	4487	266	16	282
Bradford	5719	3552	579	100	5271	4041	4217	5199	1262	143	351
Bucks	6965	7494	16	9	6982	7489	7770	6504	603	9	31
Butler	3340	3043	142	58	3362	3027	3564	3491	512	116	213
Cambria	3417	4281	79	47	3411	4277	4247	3279	188	37	551
Cameron	595	570	1	6	595	505	484	481	86	1	28
Carbon	2276	2747	65	35	2268	2760	3061	2423	177	84	120
Centre	2792	3855	46	18	2801	3792	4178	3299	158	50	136
Chester	7300	4903	289	13	7304	4901	6290	7713	1125	287	121
Clarion	1522	2842	5	134	1535	2840	3478	1969	112	4	465
Clearfield	1949	3517	67	78	1955	3508	4063	2297	128	90	488
Clinton	1495	1986	34	15	1500	1981	2661	1730	218	31	43
Columbia	1459	3688	51	41	1466	3680	4739	1736	102	107	232
Crawford	4334	4115	412	52	4361	4070	5072	3711	1520	270	605
Cumberland	3471	4450	15	32	3478	4437	4618	3615	373	5	83
Dauphin	5923	4099	4	75	5806	4104	5671	6941	726	3	271
Delaware	4226	2507	103	15	4160	2543	3828	4586	931	18	41
Elk	527	1216	12	13	530	1216	1287	399	150	3	125
Erie	5548	4663	359	108	5601	4622	5727	5218	575	265	772
Fayette	4007	5298	77	43	4009	5295	5168	3908	96	94	691
Forest	390	342	19	157	394	329	275	365	2	.....	275
Franklin	4268	4231	10	3	4290	4204	4456	3653	1213	17	11
Fulton	639	889	9	1	633	888	1036	611	86	1	1
Greene	1769	3564	79	.....	1774	3556	3546	1635	29	162	4
Huntingdon	3188	2463	10	119	3200	2456	2562	2420	759	6	373
Indiana	3323	1578	27	840	3324	1572	1893	3896	140	28	1286
Jefferson	2128	1986	16	61	2131	1986	2581	2598	125	5	165
Juniata	963	1096	.....	17	963	1097	1638	1372	53	.....	114
Lackawanna	4018	3598	284	.....	4035	3602	6655	5476	752	301	143
Lancaster	14470	8111	74	13	14477	8104	9866	13989	2525	59	23
Lawrence	2777	1513	.....	.....	2774	1551	1755	2417	584	149	453
Lebanon	3376	1912	3	.....	3366	1916	2778	4313	215	9	5
Lehigh	5351	7168	66	13	5328	7179	7949	5847	98	7	30
Luzerne	7414	9953	314	11	7477	9815	10830	7317	1642	236	117
Lycoming	3892	4813	56	233	3852	4842	5114	3386	280	91	439
McKean	2067	2009	202	10	2117	1955	2137	1791	529	51	125
Mercer	4452	4259	396	73	4481	4229	4517	4266	386	476	599
Mifflin	1602	1705	14	8	1606	1695	1776	1375	182	16	225
Monroe	589	2432	.....	.....	592	2428	2934	635	66	5	14
Montgomery	9636	9732	125	13	9631	9729	10578	9288	622	51	87
Montour	810	1521	66	8	814	1522	1664	1039	75	9	98
Northampton	3885	6976	17	10	3896	6961	8741	4068	645	61	107
Northumberland	3525	4443	49	65	3534	4444	5054	3876	582	21	300
Perry	2484	2386	19	.....	2494	2383	2674	2634	90	15	7
Philadelphia	75569	54902	248	89	76777	54783	67411	70875	7992	99	672
Pike	433	1048	.....	3	442	1048	1088	258	88	.....	12
Potter	1453	1106	18	63	1458	1104	838	884	418	3	422
Schuylkill	7050	8173	45	406	7033	8159	10550	7362	1017	48	1549
Snyder	1583	1074	7	.....	1596	1068	1446	1873	184	16	6
Somerset	3329	1856	28	4	3311	1864	2271	3350	699	12	105
Sullivan	497	926	7	16	461	964	874	445	30	13	137
Susquehanna	3064	2859	256	73	3033	2899	3198	2864	689	181	318
Tioga	4421	1745	48	197	4330	1893	2257	2270	2211	24	939
Union	1543	961	.....	7	1514	984	1404	1303	682	8	15
Venango	2668	2670	317	223	2679	2641	2697	2386	401	155	908
Warren	2085	2013	225	167	2201	1805	1835	1891	439	415	676
Washington	5318	4022	239	58	5318	4913	5238	5192	220	146	402
Wayne	2440	3052	52	12	2440	3045	2852	1473	774	162	16
Westmoreland	5374	6434	31	61	5386	6426	7242	5644	242	33	807
Wyoming	1433	1882	144	6	1467	1861	1905	1421	165	22	69
York	5659	8894	2	1	5655	8898	10439	6148	261	58	4
	319106	302031	6602	4452	321050	300999	355791	315589	43743	5196	23484

Niles' plurality, 17,075; Livsey's plurality, 20,051. For State Treasurer, Howard, *P.*, had 6,687 votes, and Marsh, *G.*, 4,431 votes. Pattison's plurality in 1882 was 40,202. For State Treasurer in 1881 the total vote was: Bailey, *R.*, 265,295; Noble, *D.*, 258,471; Wolfe, *I.*, 49,984; Jackson, *G.*, 14,974; Wilson, *Pro.*, 4,507—Bailey's plurality, 6,824. Garfield's plurality in 1880 was 14,625, the total vote being: Garfield, *R.*, 444,704; Hancock, *D.*, 407,428; Weaver, *G.*, 20,668; Dow, *Pro.*, 1,939.

PHILADELPHIA STATISTICS.

Philadelphia was founded by William Penn in 1682. Its population at the time of incorporation in 1701 was 2500. According to the U. S. Census in 1880 it was 846,980. The city, which includes the entire county, covers a territory of 129 square miles, and contains 173,000 buildings, of which 156,000 are dwellings. It has a water frontage of 41 miles on the Delaware and Schuylkill rivers. There are 507 miles of paved streets, 1100 miles of unpaved streets, 214 miles of sewers, 782 miles of water pipes and 10 miles of wharves and docks. Nineteen daily newspapers, 102 weeklies, 87 monthlies and 12 quarterlies are published in the city. The militia are provided with six armories. Amusements are furnished by 14 theatres. Financial interests are represented by 40 banks with a combined capital of $20,000,000. As a manufacturing centre, Philadelphia is the leading city in the country. It has about 12,000 factories, employing 240,000 persons, and the production amounts annually in value to $475,000,000. It has 45 colleges and seminaries, 21 medical colleges and societies, 120 hospitals, asylums and dispensaries, 160 beneficial and charitable associations, 48 literary, scientific and art societies, 102 incorporated and society libraries, and 498 building associations. In 1882 the exports of the port of Philadelphia amounted in value to $34,529,459, and the imports were valued at $37,666,489. The duties paid on imports aggregated $12,994,813.

MUNICIPAL EXPENSES FOR FIVE YEARS.

The limit of expenses and assessed valuations of taxable property in Philadelphia since 1879 have been as follows:

	Rate.	Limit of Expenses for City Departments.	Assessed Valuation of Taxable Property
1880	2.00	$7 191,592.08	$536,667,834
1881	1.95	7,315,363.69	543,669,129
1882	1.90	7,674,449.34	553,775,229
1883	1.85	8,339,520.79	571,483,255
1884	1.85	8,883,597.89	583,612,593

VALUATION OF PROPERTY.

The real and personal property, subject to taxation in Philadelphia, for 1884, as ascertained by the Board of Revision of Taxes, is as follows:

Classification.	Rate.	Total.
Full	1.85	$516,243,700
Suburban	1.23⅓	38,360,415
Farm	.92½	19,123,900
Personal		9,884,578
Total		$583,612,593

NUMBER OF VOTERS.

The assessment of voters, as returned by the election assessors in October, 1883, with the additional names ordered to be placed on the lists by the Courts, shows a voting population of 206,897 persons.

Wards.	Ass'd Voters.
First	10,670
Second	6,650
Third	4,192
Fourth	4,431
Fifth	4,465
Sixth	2,575
Seventh	7,329
Eighth	4,717
Ninth	3,314
Tenth	5,795
Eleventh	3,004
Twelfth	3,770
Thirteenth	4,713
Fourteenth	5,600
Fifteenth	11,131
Sixteenth	4,132
Seventeenth	4,379
Eighteenth	7,616
Nineteenth	10,384
Twentieth	11,172
Twenty-first	4,813
Twenty-second	7,295
Twenty-third	7,015
Twenty-fourth	11,752
Twenty-fifth	9,081
Twenty-sixth	8,433
Twenty-seventh	5,063
Twenty-eighth	9,319
Twenty-ninth	10,198
Thirtieth	6,998
Thirty-first	7,191

EXPORTS AND IMPORTS FOR TEN YEARS.

The transatlantic trade of Philadelphia during the decade ending December 31, 1882, was as follows:

Year.	Exports.	Imports.
1873	$20,688,551	$29,186,925
1874	20,484,803	25,004,784
1875	31,836,727	24,011,014
1876	50,539,450	21,000,000
1877	37,823,356	20,126,732
1878	48,362,116	21,048,197
1879	50,685,836	27,224,549
1880	46,598,584	38,933,832
1881	41,162,957	37,666,489

PLACES OF INTEREST.

Independence Hall, Chestnut Street, below Sixth.
Carpenters' Hall, Chestnut Street, below Fourth.
Academy of Fine Arts, Broad and Cherry Streets.
Custom House, Chestnut Street, bel. Fifth.
Franklin's Grave, Fifth and Arch Streets.
United States Mint, Chestnut and Juniper Streets.
Academy of Natural Sciences, Nineteenth and Race Streets.

Christ Church, Second Street above Market.
New Post Office, Ninth and Chestnut Streets.
Masonic Temple, Broad and Filbert Streets.
Old Swedes' Church, Swanson Street, below Christian.
Cramps' Dry Dock, Beach Street, above Vienna.
Girard's Banking House, Third Street, below Chestnut
New City Hall, Broad and Market Streets.
University of Penna., Thirty-fourth and Locust Streets.
School of Design, Broad and Master Streets.
Jefferson Medical College, Tenth and Sansom Streets.
Mercantile Library, Tenth Street, above Chestnut.
Ridgway Library, Broad and Christian Streets.
Phila. Library, Juniper and Locust Streets.
Franklin Institute, Seventh Street, below Market.
Navy Yard, League Island.
Moyamensing Prison, Passayunk Ave. and Reed Street.
U. S. Naval Asylum, Gray's Ferry Road and Bainbridge Street.
U. S. Arsenal, Bridesburg.
Schuylkill Arsenal, Gray's Ferry Road and Washington Ave.
Zoological Gardens, West End Girard Avenue Bridge.
Eastern Penitentiary, Twenty-second Street and Fairmount Ave.
House of Refuge, Twenty-second and Poplar Streets.
Blockley Almshouse, Thirty-fourth and South Streets.
House of Correction, Holmesburg, 23d Ward.
Deaf and Dumb Asylum, Broad and Pine Streets.
Institution for the Blind, Twentieth and Race Streets.
Memorial Hall, Fairmount Park.
Horticultural Hall, Fairmount Park.
Union League, Broad and Sansom Streets.
Girard College, Corinthian and Girard Aves.
Fairmount Park.

HIGHEST SPOTS IN THE CITY.

The highest elevation in each ward, above high water in Philadelphia, is as follows:—First Ward, Gerhard N. of McKean Street, 24·49 feet; Second, Hale W. of Tenth Street, 28·58 feet; Third, Lebanon S. of Fitzwater Street, 31·05 feet; Fourth, Emeline W. of Eighth Street, 34·26 feet; Fifth, St. Mary's E. of Seventh Street, 31·41 feet; Sixth, Crown N. of Race Street, 37·70 feet; Seventh, Delancy W. of Twentieth Street, 42·62 feet; Eighth, Broad S. of Chestnut Street, 43·90 feet; Ninth, Chestnut W. of Broad Street, 43·45 feet; Tenth, Jacoby N. of Race, 41·25 feet; Eleventh, Third and Brown Streets, 34·75 feet; Twelfth, Sixth S. of Green Street, 36·00 feet; Thirteenth, Wallace E. of Tenth Street, 43·60 feet; Fourteenth, E. of Broad and N. of Parrish, 72·78 feet; Fifteenth, corner of Vineyard and Perkiomen Streets, 106·00 feet; Sixteenth, Sixth Street S. of Girard Avenue, 34·83 feet; Seventeenth, Lawrence S. of Oxford Street, 32·46 feet; Eighteenth, Neland N.E. of Hanover Street, 27·05 feet; Nineteenth, corner of Seventh Street and Lehigh Avenue, 99·26 feet; Twentieth, Columbia Avenue E. of Broad Street, 89·65 feet; Twenty-first, between Ridge Avenue and Township Line Road, 430·00 feet; Twenty-second, Summit Street N E. of Chestnut Hill, 440·02 feet; Twenty-third, Sharswood Street and Montgomery Co. line, 240·00 feet; Twenty-fourth, Belmont and City Avenue, 292·00 feet; Twenty-fifth, Nicetown Lane N. of Baker Street, 133·46 feet; Twenty-sixth, S. of Washington Avenue and W. of Twenty-fifth Street, 38·73; Twenty-seventh, Sixty-first and Walnut Streets, 114·00 feet; Twenty-eighth, Thirtieth and Coulter Streets, 255·00 feet; Twenty-ninth, Bridge Street above Columbia Avenue and connecting railroad, 113 31 feet; Thirtieth, Gray's Ferry Road N. of Catharine Street, 40·90 feet; Thirty first, Kensington N.E. of Huntingdon Avenue, 37·82 feet.

PUBLIC SQUARES.

Public Squares, most of them well shaded and handsomely laid out, are located in various parts of the city as breathing spots. There are ten in all, covering a total area of 47.96 acres, as follows: Independence Square, 4.64 acres; Washington Square, 6.70 acres; Franklin Square, 7.83 acres; Logan Square, 7.83 acres; Rittenhouse Square, 6.70 acres; Jefferson Square, 2.86 acres; Passyunk Square, 3.64 acres; Norris Square, 5.80 acres; Fairhill Square, 1.21 acres; Shackamaxon Square, .75 acre.

CHURCHES IN THE CITY.

Philadelphia has 568 churches, divided among the various denominations in the following order: Baptist, 76; Episcopal, 106; Friends, 17; Hebrew, 11; Lutheran, 32; Methodist, 111; Moravian, 6; Presbyterian, 124; Roman Catholic, 44; Unitarian, 3; Universalist, 6; Miscellaneous, 32; total, 568.

PUBLIC SCHOOLS.

There are 463 Public-School Houses in Philadelphia, which are attended by 103,702 pupils, who are taught by 2139 teachers. The pupils are apportioned in the various grades as follows: Primary, 57,606; Secondary, 28,433; Grammar, 16,124; Normal and High Schools, 1539. The total average cost of tuition per pupil is $14.55. The average attendance at the Girls' Normal School is about 1000, while the Boys' High School seldom has more than half that number. Since the establishment of the Normal School in 1848, three thousand one hundred and seventy-nine scholars have graduated, and 3111 have been appointed to positions as teachers.

PHILADELPHIA STATISTICS.

NEW CITY HALL.

The new City Hall, at the intersection of Broad and Market streets, covers, exclusive of the court-yard, an area of four and a half acres. The north and south fronts measure 470 feet, and the east and west fronts 486½ feet in their extreme length. The court-yard is 200 feet square. From the north side of this space rises a grand tower, which will be surmounted with a statue of William Penn, twenty feet in height, completing an altitude of 535 feet, making it the highest tower in the world. The entire structure will contain 520 rooms. Ground was broken for the building on August 10, 1871. The first stone of the foundation was laid on August 12, 1872. On July 4, 1874, the cornerstone was laid with impressive ceremonies. The excavation for cellars and foundations required the removal of 141,500 cubic feet of earth. Up to October, 1883, the whole number of bricks used in the structure was 61,164,608, and the cost to the same date, including claims of all kinds, amounted to $9,699,508.66; estimated cost, $13,000,000.

FAIRMOUNT PARK.

Fairmount Park, situated on both sides of the Schuylkill River, and extending along the Wissahickon Creek from its mouth to Chestnut Hill, is the largest improved public pleasure grounds in the world. It contains 2791 acres, in which there are 36 miles of foot-walks, 30 miles of carriage drives, and 8 miles of bridle paths. At the Callowhill street entrance are located the Fairmount water-works. Skirting the eastern bank of the stream are the handsome boat-houses of the Schuylkill Navy. Many interesting objects are to be seen within the park limits. At the Green street entrance is the Pompeian Art Gallery, which was presented to the city by the Hon. John Welsh. Within sight is the Lincoln monument, and a short distance above is the cottage which General Grant occupied at the siege of Richmond. The park on the west side of the river will ever be memorable as the location of the Centennial Exhibition. Of the numerous buildings only a few remain. The most important are the Memorial and Horticultural halls. A feature is the imposing fountain erected near George's Hill by the Catholic Total Abstinence Union. Monuments to Morton McMichael, William Penn, Humboldt, Christopher Columbus, Rev. Dr. Witherspoon, Religious Liberty, and numerous other works of art, occupy prominent places throughout the park. The Zoological Gardens are in the West Park, near Girard avenue bridge. Immediately opposite, on an elevated point, stands the Penn cottage, which was removed from Letitia street. There are 22 statues, 16 decorative fountains, 20 drinking fountains and 50 large flower vases in the par

MAYORS SINCE INCORPORATION.

1701-2, Edward Shippen; 1703, Anthony Morris; 1704, Griffith Jones; 1705, Joseph Wilcocks; 1706, Nathan Stanbury; 1707-8, Thos. Masters; 1709, Richard Hill; 1710, William Carter; 1711, Samuel Preston; 1712, Jonathan Dickenson; 1713, George Roch; 1714-15-16, Richard Hill; 1717-18, Jonathan Dickenson; 1719-20-21, W. Fishbourne; 1722, James Logan; 1723, Clement Plumsted; 1724, Isaac Norris; 1725, Wm. Hudson; 1726-27, Charles Reade; 1727-8, Thos. Lawrence; 1729-30, Thos. Griffitts; 1730-32, Samuel Fassel; 1733, Thos. Griffitts; 1734, Thos. Lawrence; 1735, William Allen; 1736, Clement Plumsted; 1737, Thos. Griffitts; 1738, Anthony Morris; 1739, Edward Roberts; 1740, Samuel Fassel; 1741, Clement Plumsted; 1742, William Till; 1743, Benj. Shoemaker; 1744, Edward Shippen; 1745, James Hamilton; 1746-7, Wm. Atwood; 1748, Charles Willing; 1749, Thos. Lawrence; 1750, Wm. Plumsted; 1751, Robert Strettell; 1752, Benj. Shoemaker; 1753-4, Thos. Lawrence; 1754-5, Charles Willing; 1755, Wm. Plumsted; 1756-7, Atwood Shute; 1758, Thos. Lawrence; 1759, John Stamper; 1760, Benj. Shoemaker; 1761, Jacob Buche; 1762, Henry Harrison; 1763, Thos. Willing; 1764-5, Thos. Lawrence; 1766-7, John Lawrence; 1767-8, Isaac Jones; 1769-70, Samuel Shoemaker; 1771-2, John Gibson; 1773, Wm. Fisher; 1774, Samuel Rhoads; 1775, Samuel Powell.

In the year 1776 the corporation was dissolved, in consequence of the Revolution, and the city remained unincorporated until 1789.

1789, Samuel Powell; 1790, Samuel Mills; 1791, John Barclay; 1792-3-4-5, Matt. Clarkson; 1796-7, Hilary Baker; 1798-9, Robert Wharton; 1800, John Inskeep; 1801-2-3-4, Matt. Lawler; 1805, John Inskeep; 1806-7, Robert Wharton; 1808-9, John Barker; 1810, Robert Wharton; 1811, Michael Keppell; 1812, John Barker; 1813, John Geyer; 1814-18, Robert Wharton; 1819, James N. Baker; 1820-24, Robert Wharton; 1824-28, Jos. Watson; 1828-9, Geo. M. Dallas; 1829, Benj. W. Richards; 1829-30, Wm. Milnor; 1830-32, Benj. W. Richards; 1832-37, John Swift; 1838-39, Isaac Roach; 1839-41, John Swift; 1841-4, John M. Scott; 1844-5, Peter McCall; 1845-9, John Swift; 1849-50, Joel Jones; 1850-4, Charles Gilpin; 1854-5-6, Robert T. Conrad; 1856-7-8, Richard Vaux; 1858 to 1866, Alexander Henry; 1866-7-8-9, Morton McMichael; 1869-70-1-2, Daniel M. Fox; 1872 to 1881, William S. Stokley; 1881-2-3, Samuel G. King.

THE DEATH-ROLL FOR ONE YEAR.

The number of deaths in Philadelphia in 1882 aggregated 20,059, which was in the ratio of 22.69 for every 1000 persons. Of the total number of deaths 1886 were white persons and 1173 colored; 10,203 were males and 9856 females; the male adults numbered 5402, female adults 5504; male children 4801, female children 4352. The deaths from specified diseases were 18,553; old age, 824; violence (accident, homicide and suicide), 666; unknown causes, 16. The natives of the United

States numbered 14,724; foreigners, 4599; unknown nativity, 735. There were 64 males and 13 females who committed suicide. The various methods adopted were as follows: Shooting, 20 males and 2 females; hanging, 16 males and 3 females; cutting throat, 9 males and 2 females; laudanum, 4 males and 2 females; drowning, 4 males and 1 female; Paris green, 2 males and 1 female; ratpoison, 1 male and 1 female; narcotic poison, 2 males; stabbing, 2 males; coal-gas, 1 male; corrosive sublimate, 1 female; digitalis, 1 male; opium, 1 male; run over on railroad, 1 male.

8521 WEDDINGS IN ONE YEAR.

During the year 1882 there were 8521 marriages in Philadelphia, of which number 5195 of the contracting parties were natives of the United States, 1728 of foreign birth, and 286 of unknown nativity. Of the females 1526 were under 20 years of age; 3863 between 20 and 25; 1736 between 25 and 30; 891 between 30 and 40; 203 between 40 and 50; 58 between 50 and 60; 9 between 60 and 70; 2 between 70 and 80. Not given, 424. Of the men, 52 were under 20; 2899 between 20 and 25; 2746 between 25 and 30; 1703 between 30 and 40; 491 between 40 and 50; 168 between 50 and 60; 65 between 60 and 70; 8 between 70 and 80; 1 between 80 and 90; not given, 388.

20,098 BABIES BORN IN ONE YEAR.

There were 20,098 births in Philadelphia in 1882, of which 10,482 were males and 9616 females. Among the number there were 158 pairs of twins and 2 sets of triplets. The largest number of births in any one ward was 1376 in the 19th, and the lowest number, 195 in the 9th ward.

HOMICIDES AND SUICIDES IN TEN YEARS.

During a period of ten years from December, 1871, to January, 1882, out of a total number of 12,936 deaths investigated by the Coroner in Philadelphia, 323 cases were from homicidal violence, comprising 222 males and 101 females. The deaths occurred, according to years, in the following order:

Years.	Total.
1872	32
1873	23
1874	28
1875	44
1876	46
1877	34
1878	31
1879	28
1880	31
1881	26

Divided into months the homicides for the decade were as follows:

July	40	January	26
April	30	June	26
May	30	November	24
February	29	December	23
September	28	October	22
August	27	March	18

In the same period 636 cases of suicide occurred, comprising 526 males and 110 females. Of the total number of self-murderers only 24 were minors. The suicides for each year were as follows:

Years.	Total.
1872	50
1873	54
1874	66
1875	86
1876	74
1877	78
1878	42
1879	58
1880	62
1881	66

Of these, 444 were married, 138 were single, and the condition in life of 54 persons was unknown; 212 were born in the United States and 424 in foreign countries

HOW THE CITY IS LIGHTED.

Philadelphia is supplied with illuminating gas by works owned by the city, comprising five stations, which are located in the ninth, fifteenth, twenty-first, twenty-fifth, and twenty-sixth wards; and the Northern Liberties Works, owned by a private corporation, in the sixteenth ward. The total amount of gas made at the city works in 1882 was 2,319,898,000 cubic feet, upon which the net profits were $510,586.57, making the accumulated profits of the Gas Trust to the end of the year, $4,538,957.23. At the beginning of 1883 there were 101,958 private consumers of gas, and 12,923 public street lamps, of which number 12,414 were supplied by the city works, and 509 by the Northern Liberties Works. The average illuminating power of the gas furnished was 16.39 candles. The entire length of gas mains was 723 miles.

THE WATER SUPPLY.

During 1882 the average daily pumpage of water at the various stations under the control of the city Water Department was 67,647,782 gallons. When the East Park and Cambria reservoirs are finished there will be a storage capacity of 1,097,413,700 gallons

Reservoirs.	*Capacity.*
Fairmount	27,000,000
Spring Garden	9,800,000
Corinthian	37,312,000
Delaware	26,000,000
Reservoirs.	*Capacity.*
Belmont	40,000,000
Wentz Farm	36,750,000
Roxborough	16,161,700
Mt. Airy	4,390,000
East Park	700,000,000
Cambria	200,000,000

The receipts of the Department for 1882 were $1,516,904, of which sum $899,026 was in excess of the expenses. There were supplied with water 151,096 dwellings, 67,011 bath-rooms, and 6199 fire plugs.

PHILADELPHIA STATISTICS.

STREET RAILWAY FIGURES.

The following table shows the trackage, equipment, and number of passengers carried on the city railways in 1882:

Miles of Track.	No. of Cars.	No. of Horses.	Pass. Carried.
Union.			
70.....	349	1713	21,864,841
Peoples'.			
58.....	176	1084	20,554,527
Frankford and Southwark.			
8.....	98	536	9,509,207
Citizens'.			
10.....	76	402	5,689,947
Hestonville, Mantua and Fairmount.			
20.....	79	490	4,687,840
Lombard and South.			
17.....	55	258	2,696,652
Philadelphia and Gray's Ferry.			
12.....	40	200	2,684,496
Philadelphia City.			
7.....	132	728	9,383,955
Ridge Avenue.			
15.....	53	300	5,510,259
Second and Third Streets.			
37.....	104	668	9,504,889
Thirteenth and Fifteenth Streets.			
14.....	57	390	5,367,863
West Philadelphia.			
18½.....	123	626	9,070,422
Totals.			
286½....	1,342	7,395	106,523,938

RAILROADS.

Pennsylvania Railroad.

Lines owned, leased and controlled, track	9,220 miles
Locomotives	2,160
Passenger Cars	2,165
Freight and other Cars	57,035
Passengers in 1882	33,500,000
Freight, tons	61,000,000
Gross Earnings, all lines	$80,000,000
Net " "	35,600,000
Capital Stock	85,301,300
Bonded Debt	59,225,000
Securities held, par value	112,657,206
" " cost	81,037,688
Number of Employees, over	78,000

Philadelphia and Reading Railroad Co.

Lines owned, leased, and controlled	2,968 miles
Locomotives	882
Passenger Cars	919
Coal, Freight, and other Cars	55,190
Passengers	20,500,000
Coal, tons, 2240 lbs.	13,800,000
Merchandise, tons, 2000 lbs.	9,500,000
Gross Earnings, all lines	$34,500,000
Net " "	15,000,000
Capital Stock	34,724,375
Funded Debt	82,039,485
Deferred Income Bonds	7,648,807
Floating Debt	6,042,386
Coal Lands owned and controlled	201,000 acres

THE CITY'S INDEBTEDNESS.

The funded and floating debt of Philadelphia on January 1, 1883, was $67,922,892.41. The decrease in the total indebtedness in the two preceding years was $2,109,538.06. The Sinking Fund Commission at the beginning of 1883 held stock and securities owned by the city valued at $28,705,016.80.

APPROPRIATIONS FOR 1883.

Police, $1,457,195.71; Highways, $648,690; Guardians of the Poor, $398,304; City Commissioners, $606,888; Markets and City Property, $136,182.85; City Treasurer, $33,920; Board of Revision, $113,050; Park Commissioners, $265,588.50; Water, $611,792; Clerks of Councils, $40,446; Receiver of Taxes, $43,200; Surveys, $42,504; City Solicitor, $46,280; Fire Commissioners, $457,140; Lighting the City, $186,809.60; Board of Public Education, $1,637,651.04; Board of Health, $92,135.67; County Prison, $120,464; City Ice Boats, $45,065; City Controller, $43,550; Police and Fire Alarm Telegraph, $34,300; Boiler Inspection, $13,300; House of Correction, $189,175; Port Wardens, $7130; Public Buildings, $750,000; Board of Fire Escapes, $450; Sheriff, $57,320; Register of Wills, $27,400; District Attorney, $35,900; Coroner, $23,070; Recorder of Deeds, $64,000; Prothonotary, $57,800; Clerk of Quarter Sessions, $24,000; total appropriations, $8,310,701.37.

RECIPIENTS OF THE CITY'S CHARITY.

Blockley Almshouse had a population of 2842 persons on January 1, 1883, of whom 709 were in the hospital, 640 in the insane wards, and 1493 in the pauper department. During the previous year 6135 persons were admitted into the institution. To maintain the charity during the year cost the city $398,304.

PHILADELPHIA STATISTICS.

THE CITY'S TRUST FUNDS.

(January 1, 1883.)

Girard Estate	$9,629,204 92
Todd Legacy for Girard College	45,064 92
Wills Hospital	238,916 66
Benjamin Franklin Trust, income to be loaned to young married artificers	61,540 00
John Scott Trust, same purpose	15,897 50
John Scott Trust, income to ingenious men and women who make useful inventions	35,800 00
Paul Beck Soup Trust, income to the city soup societies	8,333 33
Paul Beck Fuel Trust, income to buy fuel for out-door poor	8,333 33
The Roberts School Trust	100 00
Girard School Trust, for the purchase of books for certain public schools	9,900 00
Thomas D. Grover Trust, income to be distributed in soup and fuel to the poor of Southwark	17,250 00
Spring Garden Fuel Trust	2,500 00
Elias Boudinot Fuel Trust	21,400 00
Girard Fuel Trust	9,362 05
Yellow Fever Trust	12,450 00
Hannah M. Dodd Trust, income to buy medals for Graduates Girls' High Scho'l	1,100 00
Andrew R. Chambers Trust, income to the soup societies	1,900 00
Samuel Scottin Trust	200 00
F. A. Sneaff Fuel Trust	3,000 00
Jacob J. Snyder Trust, income for the benefit of the poor.	9,500 60
Juliana H. Good Trust, income to the maintenance of the House of Correction.	2,700 00
Mary Shields Fuel Trust	7,700 00
Mary Shields Almshouse Trust	67,987 50
Rittenhouse School Trust	3,125 00

PERSONS WHO COMMIT CRIMES.

There were 24,176 persons placed in Moyamensing Prison in 1882, of which number 795 were convicted of crimes. The admissions to the House of Correction in the same period numbered 5687 persons, of whom 1311 remained at the end of the year. There were 417 persons sentenced to the Eastern Penitentiary, making the population of the institution at the beginning of 1883 comprise 995 convicts.

WHAT THE POLICE DO.

The Police Department, with 1351 officers and patrolmen, made 46,130 arrests in 1882, and recovered and restored to the owners property valued at $88,995.26. The city detectives, comprising eight men, made 280 arrests and recovered property valued at $31,847.35.

FIRES IN A YEAR.

A total of 756 fires occurred in 1882, involving a loss of property valued at $2,314,711, which was covered by insurance aggregating about $8,000,000. The Fire Department consisted of 28 engines, 5 trucks, and 408 men.

BRIDGES OVER THE SCHUYLKILL.

Fourteen bridges span the Schuylkill River within the city limits. Girard Avenue Bridge is 1500 feet in length, 100 feet wide, and cost $1,500,000.

Chestnut Street Bridge is 1528 feet in length, and cost $500,000.

Market Street Bridge is 1300 feet long, and cost $60,000.

Callowhill Street Bridge is 1300 feet long, and cost $1,600,000.

South Street Bridge is 1400 feet long, and cost $780,000.

Connecting Bridge, belonging to the Pennsylvania Railroad, with the approaches, is 2200 feet long.

Penrose Ferry Drawbridge is 1000 feet long.

Gray's Ferry Bridge has a length of 900 feet.

The other bridges are the Philadelphia and Reading Railroad Bridge, the Falls of Schuylkill Bridge, and two wooden bridges at Manayunk.

THE CARE OF CHILDREN.

After January 1, 1884, no children between the ages of 2 and 16 years can be kept in an almshouse longer than 60 days. Philadelphia has 85 charitable institutions for the care of children, expending $1,000,000 annually, and accommodating 6,000 inmates The most important are Girard College and the House of Refuge, the expenses of which are $400,000 per year. There are 7 hospitals which devote their entire attention to the little ones, 6 day nurseries, and 17 headquarters supported by private subscriptions which care for neglected children between the ages of 3 and 6 years.

PHILADELPHIA STATISTICS.

IMMIGRATION THROUGH PHILADELPHIA.

The American and Red Star steamship lines carried 34,103 immigrants from foreign countries to the port of Philadelphia in 1882. Most of the new arrivals continued their journey to the Western States.

AVERAGE WHOLESALE PRICE OF LEADING PRODUCTS IN PHILADELPHIA.

PRODUCTS.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.
Cotton, Mid. Uplands...	10½	10½	10½	10⅜	11⅛	10⅞	10⅝	10¼	10⅝	10 1/16
Wool, X and above. Ohio fleece.....	42½	41½	42	41	38½	37	37	36	38	38
Flour, Penn. Family....	$4 75	$5 00	$5 12	$5 12	$5 00	$5 00	$5 00	$5 00	$5 00	$5 00
Wheat, No. 2 Red.....	111¾	119¼	119⅜	119¼	120¼	117	115	116⅛	111⅛	107⅜
Corn, Sail Mixed.....	65⅝	70⅛	66¼	64	65⅛	61¼	58	59⅞	59⅞	56⅝
Oats, No. 2 White.....	47½	51	53	53⅛	51	45¼	42¾	37⅝	35⅛	36⅛
Rye, No. 2 Pennsylvania	59½	68	69½	67	70	67½	65	63	65	65
Mess Pork.....	$19 00	$19 00	$19 50	$19 75	$20 50	$20 75	$19 00	$17 50	$16 00	$13 00
Lard, Prime Steam.....	10¾	10¾	11¼	11	11	11½	10	9¼	9¼	8½
Hams, Sugar-cured.....	13	13	13½	13	13½	14	13½	14½	14½	16
Butter, Extra Pennsylvania Creamery.....	39⅝	37⅝	34⅞	30½	27⅛	21¾	22⅝	20⅞	25⅞	29¼
Eggs, Extra Penn.	27½	28	20	18	18	19½	20 1/16	22¼	25 1/16	27¼
Cheese, New York Full Cream.....	14 1/16	14⅛	14¼	14¾	13½	11¾	11	10¼	11⅛	12½
Refined Sugar, granul'd	8 11/16	8¾	8⅞	8¾	8¾	8⅞	8⅞	8 11/16	8¾	8 9/16
Coffee, fair Rio.....	8½	9	9¾	10¼	10	9¾	9¾	10	10½	12
Potatoes, Early Rose, per bushel.....	85	90	92½	90	85	70	55	45	50	45

RECEIPTS OF LEADING PRODUCTS IN PHILADELPHIA.

MONTH.	Flour.	Wheat.	Corn.	Oats.	Cotton.	Wool.	Pork.	Lard.
1882.	*Bbls.*	*Bush.*	*Bush.*	*Bush.*	*Bales.*	*Bales.*	*Bbls.*	*Tierces*
November...	112,494	656,250	231,350	129,275	25,633	18,878	6,009	9,745
December...	91,716	550,550	553,000	251,800	20,486	11,852	6,957	7,040
1883.								
January	81,803	479,750	831,400	236,300	16,629	8,728	6,435	9,572
February	74,088	288,000	1,243,400	86,700	20,657	13,508	5,410	8,771
March.....	119,322	319,400	1,152,900	293,250	12,370	16,553	7,095	13,888
April	92,041	239,425	675,000	301,900	26,470	9,455	6,895	10,501
May.....	86,852	247,440	1,156,470	324,700	16,634	9,542	3,155	15,637
June.....	79,635	143,900	781,300	311,100	9,139	27,712	9,310	11,286
July.....	60,338	249,100	281,100	205,700	4,878	48,441	14,765	12,002
August	74,271	1,174,000	443,100	289,100	4,012	43,122	9,134	9,675
September...	90,948	549,620	302,920	451,600	9,320	24,320	541	4,534
October.....	110,709	531,900	229,000	438,600	15,788	25,221	611	3,700
	1,074,132	5,429,335	10,883,940	3,320,925	182,006	257,332	66,287	117,351

MONTH.	Petroleum, Crude.	Petroleum, Refined	Butter.	Cheese.	Eggs.	Tobacco, Leaf.	Tobacco, Manuf'd.	Whiskey & Highwines.
1882.	*Bbls.*	*Bbls.*	*Pkges.*	*Pkges.*	*Crates*			*Bbls.*
November...	104,346	5,455	37,000	32,500	45,000	20,796	22,314	7,559
December...	45,111	2,221	38,000	28,700	37,000	20,043	22,314	7,369
1883.								
January.....	35,795	3,863	35,000	20,250	35,000	18,864	19,739	8,697
February....	68,007	3,298	34,000	17,250	45,000	19,176	18,490	6,652
March.....	141,783	7,100	33,041	13,960	50,111	21,564	23,394	9,355
April	64,336	7,585	34,024	12,840	46,912	10,854	23,221	8,408
May	35,006	13,760	38,407	18,304	45,967	21,000	13,797	8,320
June.	11,484	4,776	32,099	24,835	33,511	2,021	22,596	9,137
July.	6,388	2,957	34,712	31,539	26,267	14,753	17,397	7,038
August	8,681	3,084	27,491	40,353	28,486	19,500	21,315	7,741
September ..	33,175	5,097	21,680	35,753	28,846	4,702	6,266	9,152
October.....	17,195	4,531	33,790	39,783	27,419	4,631	9,734	9,097
	441,307	63,727	397,244	316,067	449,519	178,304	220,577	98,525

STREETS OF PHILADELPHIA.

The following Table of Distances, Order of House Numbers, etc., was prepared by the Department of Surveys. The distances on Market Street are to the west side of street named; on Broad Street northward, from the south side of Market Street to the north side of street named; and southward, to the south side of street named.

MEASUREMENT WEST FROM DELAWARE AVENUE ON SOUTH SIDE OF MARKET STREET.

House Nos. Begin.	Street	Width of Street.	Total Distance.	House Nos. Begin.	Street.	Width of Street.	Total Distance.	House Nos. Begin.	Street.	Width of Street.	Total Distance.
....	Delaware ave...	50	.....	1900	Nineteenth st...	50	8665	4500	Forty-fifth st....	60	19898
100	Front st.....	60	325	2000	Twentieth st....	50	9111	4600	Forty-sixth st...	60	20450
200	Second st.....	50	776	2100	Twenty-first st..	50	9656	4700	Forty-seventh st	60	21010
300	Third st.....	50	1326	2200	Twenty-sec'd st.	60	10112	4800	Forty-eighth st.	80	21540
400	Fourth st.....	50	1771	2300	Twenty-third st.	50	10435	4900	Forty-ninth st..	60	22050
500	Fifth st.....	50	2226	....	*Schuylkill River*	....	11360	5000	Fiftieth st.....	60	22610
600	Sixth st.....	50	2672	3000	Thirtieth st.....	60	12027	5100	Fifty-first st....	60	23170
700	Seventh st.....	50	3118	3100	Thirty-first st....	80	12573	5200	Fifty-second st..	60	237 0
800	Eighth st.....	50	3565	3200	Thirty-second st	60	13066	5300	Fifty-third st....	60	24290
900	Ninth st.....	50	4010	3300	Thirty-third	60	13746	5400	Fifty-fourth st..	60	24800
1000	Tenth st.....	50	4456	3400	Thirty-fourth st	60	14307	5500	Fifty-fifth st....	60	25454
1100	Eleventh st.....	50	4902	3600	Thirty-sixth st..	60	15067	5600	Fifty-sixth st....	60	26014
1200	Twelfth st.....	50	5348	3700	Thirty-seventh..	60	15627	5700	Fifty-seventh st.	80	26574
1300	Thirteenth st...	50	5794	3800	Thirty-eighth st.	60	16157	5800	Fifty-eighth st..	60	27114
1400	Broad st.....	113	6435	3900	Thirty-ninth st..	60	16617	5900	Fifty-ninth st....	60	27674
1500	Fifteenth st.....	50	6881	4000	Fortieth st	60	17277	60.0	Sixtieth st.....	60	28234
1600	Sixteenth st.....	50	7327	4100	Forty-first st....	40	17899	6100	Sixty-first st....	60	28794
1700	Seventeenth st.	50	7773	4200	Forty-second st.	60	18443	6200	Sixty-second st.	60	29354
1800	Eighteenth st...	50	8219	4300	Forty-third st...	60	19037	6300	Sixty-third st...	100	29954
				4400	Forty-fourth st..	60	19430				

MEASUREMENTS NORTH FROM MARKET STREET ON WEST SIDE OF BROAD STREET.

100	Arch st.....	66	830	900	Poplar st.....	60	6650	2500	Cumberland st..	50	14251
200	Race st.....	50	1496	1200	Girard ave.....	80	7121	2600	Huntingdon st..	50	14801
300	Vine st.....	50	2178	1300	Thompson st....	50	7749	2700	Lehigh ave.....	80	15401
400	Callowhill st....	70	2747	1400	Master st.....	50	8217	2800	Somer-et st.....	50	15971
....	Penna. ave.....	80	3019	1500	Jefferson st....	50	8722	2900	Cambria st.....	50	16521
....	Hamilton st....	50	3275	1600	Oxford st.....	50	9247	3000	Indiana st.....	50	17071
500	Buttonwood st..	40	3494	1700	Columbia ave...	60	9771	3100	Clearfield st....	50	17621
....	Spr'g Garden st.	120	3821	1800	Montgomery av.	50	10331	3200	Allegheny ave..	120	18241
600	Green st.....	70	4289	1900	Berks st.....	50	10831	3300	Westmorel'd st.	50	18791
....	Mt. Vernon st...	50	4530	2000	Norris st.....	50	11431	3400	Ontario st.....	50	19341
....	Wallace st.....	50	4782	2100	Diamond st. ...	70	11981	3500	Tioga st...	50	19891
700	Fairmount ave..	50	5480	2200	Susquehanna av	60	12571	3600	Venango st.....	50	20441
800	Brown st	50	5789	2300	Dauphin st.....	50	13151	3700	Erie ave.....	120	21061
....	Parrish st.....	50	6195	2400	York st.....	50	13701	....	Germant'n ave.	.....	.....

MEASUREMENTS SOUTH FROM MARKET STREET ON WEST SIDE OF BROAD STREET.

100	Chestnut st.....	55	534	....	Ellsworth st....	50	5738	2300	Wolf st.....	60	11215
200	Walnut st.....	50	1094	1300	Federal st.....	50	6123	2400	Ritner st.....	60	11675
...	Locust st.....	50	1514	1300	Wharton st.....	50	6695	2500	Porter st.....	60	12135
300	Spruce st.....	50	1964	1400	Reed st.....	50	7145	2600	Shunk st	60	12595
400	Pine st...	50	2487	1500	Dickinson st....	50	7595	....	Moyamensing a.	60	12924
500	Lombard st.....	50	2819	1600	Tasker st.....	50	8045	2700	Oregon ave.....	120	13115
600	South st.....	51	3192	1700	Morris st.....	50	8595	2800	Johnston st....	60	13575
700	Bainbridge st...	50	3512	1800	Moore st.....	50	8945	2900	Bigler st.....	60	14035
800	Catharine st...	50	4241	1900	Mifflin st.....	50	9395	3000	Pollock st.....	60	12295
900	Christian st.....	66	4531	2000	McKean st.....	50	9845	3100	Packer st.....	60	14955
1000	Carpenter st....	50	4882	....	Passyunk ave...	50	.....	3200	Cu tin st.....	60	15415
1100	Washington av.	100	5353	2100	Snyder ave.....	75	10307	4300	League Island..	....	20444
				2200	Jackson st.....	60	10755				

There are 5280 feet in one mile.

MUNICIPAL GOVERNMENT.

CITY OFFICERS.

		Salary.	Term expires.
MAYOR	SAMUEL G. KING, *D.*	$5,000	April, 1884.
CITY SOLICITOR	W. NELSON WEST, *R.*	15,000	April, 1884.
RECEIVER OF TAXES	JOHN HUNTER, *I. R.*	2,500	April, 1884.

COUNTY OFFICERS.

CONTROLLER	E. HARPER JEFFRIES, *R.*	8,000	Jan., 1887.
TREASURER	WILLIAM B. IRVINE, *R*	10,000	Jan., 1886.
COMMISSIONERS	WM. LAWSON, *R.* WM. S. DOUGLASS, *R.* CHAS. H. KRUMBHAAR, *I.D.*	each, $5,000	Jan., 1885.
SHERIFF	GEO. DEB. KEIM, *R*	15,000	Jan., 1886.
RECORDER OF DEEDS	JOHN O'DONNEL, *R.*	12,000	Jan., 1885.
DISTRICT ATTORNEY	GEO. S. GRAHAM, *R.*	10,000	Jan., 1887.
REGISTER OF WILLS	WALTER E. REX, *I. R.*	10,000	Jan., 1886.
CLERK OF QUARTER SESSIONS	WILLIAM E. LITTLETON, *R.*	5,000	Jan., 1887.
CORONER	THOS. J. POWERS, *R.*	5,000	Jan., 1887.

CITY COUNCILS.

[To be reorganized April, 1884. Councilmen are not salaried.]

SELECT COUNCIL.

President—WM. B. SMITH, *R.* *Clerk*—JOSEPH H. PAIST, *R.* Salary, $1800.
Assistant Clerk—HENRY W. ROBERTSON, *R.* Salary, $1500. *Messenger*—MORTIMER L. JOHNSON, *R.* Salary, $1200.

Wards.

1. Albert A. Ardis, Sr., *R.*
2. John Brady, *D.*
3. Peter Monroe, *D.*
4. Wm. McMullin, *D.*
5. Alonzo Shotwell, *R.*
6. Philip Mitton, *D.*
7. George R. Snowden, *D.*
8. A. Haller Gross, *D.*
9. Eugene Townsend, *D.*
10. Joseph B. Van Dusen, *R.*
11. Edward Matthews, *D.*
12. John J. McDevitt, *D.*
13. John H. Graham, *R.*
14. Samuel Hart, *R.*
15. Charles H. Banes, *D.*
16. George W. Scherr, *D.*
17. George W. Hetrick, *D.*
18. George W. Bumm, *R.*
19. Thomas J. Rose, *R.*
20. Thomas M. Hammett, *R.*
21. Wm. B. Trites, *D.*
22. James R. Gates, *R.*
23. Thomas Green, *R.*
24. Henry Glass, *R.*
25. Michael O'Rourke, *D.*
26. James Evans, *R.*
27. Edward W. Patton, *R.*
28. Wm. B. Smith, *R.*
29. John K. Cuming, *R.*
30. Wm. Thornton, *R.*
31. James Whitaker, *R.*

Republicans, 17; Democrats, 14; total, 31.

COMMON COUNCIL.

President—WM. H. LEX, *R.* *Clerk*—JOHN ECKSTEIN, *R.* Salary, $2300.
Assistant Clerk—GEORGE W. KOCHERSPERGER, *R.* Salary, $1500.
Messengers—GAVIN NEILSON, *R.*, and GEO. W. JOHNSON, *R.* Salaries, $1200 each.

Wards.

1. Charles Lawrence, *R.*
   Andrew J. Maloney, *R.*
   James L. Steward, *R.*
   Charles D. James, *D.*
   Wm. Steubing, *D.*
2. James Moran, *D.*
   George H. McCully, *D.*
   Charles F. Iseminger, *D.*
3. Joseph D. Murphy, *D.*
   Wm. H. Doyle, *D*
4. Geo H. Hoffman, *D.*
   Richard Hazard, *D.*
5. Job Hambleton, *R.*
   Adam S. Conway, *D.*
6. Thomas J. Ryan, *D.*
7. Charles L. Howell, *R.*
   Robert L. Pyle, *R.*
   Dallas Sanders, *D.*
8. Wm. Henry Lex, *R.*
   John J. Ridgway, *R.*
9. Charles Roberts, *R.*
10. J. Raymond Claghorn, *R.*
    John W. Patton, *R.*
    Frank M. Riter, *R.*
11. J. Christian Miller, *D.*
12. Alex. Reinstine, *D.*
13. Joseph L. Jones, *R.*
    James C. Collins, *R.*
14. Wm. H. Millick, *R.*
    John Smethurst, *R.*
15. Aaron Fries, *R.*
    Uselma C. Smith, *R.*
    Thomas Walter, *R.*
    Chas. H. Cummings, *R.*
    T. M. Thompson, *R.*
16. Henry Clay, *R.*
    Ellis Ewell, *D.*
17. Francis Rodgers, *D.*
    John J. McKernan, *D.*
18. Henry Johnson, *R.*
    Charles F. Beck, *R.*
    Edward Willig, *D.*
19. Henry H. Wisler, *R.*
    S. Y. Hotchkiss, *R.*
    H. M. Martin, *R.*
    Wm. W. Turner, *R.*
    Joseph Grim, *D.*
20. A. A. Grace, *R.*
    Charles K. Smith, *R.*
    Jacob Grim, *R.*
    Andrew Zane, Jr., *R.*
    Samuel R. Marshall, *D.*
21. David Wallace, *R.*
    Isaac Wilde, *D.*
22. Charles W. Henry, *R.*
    Thomas Meehan, *R.*
    Samuel K. Felton, *D.*
23. Charles E. Webster, *R.*
    Joseph H. Brown, *R.*
    Joshua B Welsh, *R.*
24. J. Dallas Hall, *R.*
    Wm. B. Werntz, *R.*
    J. T. Strickland, *D.*
    John L. Grim, *D.*
    Roger Maynes, *D.*
25. Charles A. Kauffman, *R.*
    Wm. Holeman, *D.*
    Wm. A. Peall, *D.*
    Arthur Devlin, *D.*
26. John Steen, *R.*
    Abraham Thompson, *R.*
    C. W. Karsner, *R.*
    David Thompson, *R.*
27. W. Ellwood Rowan, *R.*
    John M. Walton, *R.*
28. John Bardsley, *R.*
    J. M. Vanderslice, *R.*
    Wm. F. Albrecht, *R.*
    John D. Heins, *R.*
29. John T. Bailey, *R.*
    John E. Hanifen, *R.*
    John Hunter, *R.*
    Elias P. Smithers, *R.*
    Thomas C. Else, *D.*
30. James McCormick, *R.*
    S. Pemberton Budd, *R.*
    William McCoach, *R.*
31. Robert S. Leithead, *R.*
    John Taylor, *R.*
    William Tillyer, *D.*

Republicans, 60; Democrats, 30; total, 90.

POLICE.

Mayor's Office, S. W. cor. 5th and Chestnut streets.

All appointments by the Mayor subject to confirmation by Select Council.

Mayor—SAMUEL G. KING, *D.* ($5000). *Mayor's Clerks*—JOSEPH F. MARCER, *R.*, WASHINGTON J. JACKSON, *D.* (salaries, $1500). *Assistant Clerk*—GEO. F. GORDON, *R.* ($1080). *Messenger*—GEO. C. LEIDY, *D.* ($821.25).

Chief of Police—Samuel I. Givin, *R.* ($2250). *Clerk to the Chief of Police*—S. M. Adams, *R.* ($900). *Police Clerk at Central Station*—John B. Moffit, *R.* ($1080). *Fire Marshal*—Charles W. Wood, *R.* ($1800). *Captains of Police*—First Division, Joseph M. Schooley, *R.*; Second Division, David P. Weaver, *D.*; Third Division, R. C. Howell, *D.*; Fourth Division, Jacob Allbright, *R.* (salaries $1500 each).

Detective Officers—James Donaghy, *R.*; Harry Wolf, *R.*; Peter Miller, *R.*; William Hulfish, *R.*; Alexander Grey, R.; Kerlin Bond, R.; Thomas Whiteman, *R.*; Thomas G. Crawford, *R.* Salaries, $1130 each.

Special Officers—Joseph Houser, *R.*; Adam Trefts, *R.*; Stephen D. Anderson, *D.*; George A. Quigley, D.; Richard L. Fox, *R.*; Alex. F. X. Gallagher, D.; John Konzelman, *D.*; John Jones, *R.* ($2.38 per day).

Magistrates at Central Station—Thomas W. South, *R.*; Albert H. Ladner, *D.*

DISTRICT STATION-HOUSES.

Salaries of Lieutenants, $1092.50 each.

Reserve—Charles D. Crout, *R.*

First District—Station-house, Fitzwater, below Twentieth. *Lieutenant*, William Warnock, *R.* Second—Second, above Christian. Lewis Gillingham, *R.* Third—Union, above Third. C. G. Watson, *D.* Fourth—Fifth street, above Race. Fred. Markoe, *D.* Fifth—Fifteenth, above Locust. John Weir, *R.* Sixth—Eleventh, above Race. Michael McGehean, *D.* Seventh—St. John, above Buttonwood. John H. Dietelbach, *D.* Eight—Buttonwood, above Tenth. Chas. B. Edgar, *R.* Ninth—Twenty-third and Brown. Joseph H. Jordan, *R.* Tenth—Front and Master. Charles E. Beale, *R.* Eleventh—Girard avenue, near Otis. George Wood, *R.* Twelfth—Tenth and Thompson. John M. Bosh, *R.* Thirteenth—Manayunk. A. C. Allison, *R.* Fourteenth—Germantown Hall. Alexander Buchanan, *R.* Fifteenth—Frankford. William R. Baldwin, *R.* Sixteenth—Thirty-ninth and Lancaster avenue. Wm. P. Brown, *R.* Seventeenth—Taylor, below Passayunk avenue. Washington J. Quigley, *D.* Eighteenth—Dauphin and Trenton avenue. James Ferguson, *R.* Nineteenth—Lombard, below Eighth. Thos Brown, *R.* Twentieth—Filbert, above Fifteenth. C. V. Thompson, *R.* Twenty-first—Darby road and Thirty-eighth. George Blankley, *R.* Twenty-second—Lehigh and Park avenues. John Swissler, *D.* Twenty-third—Jefferson, above Twentieth. Samuel Harry, *D.* Twenty-fourth—Belgrade and Clearfield. John J. Nester, *R.* Delaware Harbor—Station-house, Front and Noble. Geo. Moore, *R.* Schuylkill Harbor—Station-house, Fairmount Water Works. William H. Francis, *R.*

The force consists of 4 captains, 8 detectives, 27 lieutenants, 57 sergeants, 54 house sergeants (telegraph operators) 1250 policemen (25 of whom are turnkeys). Salaries of sergeants, $1028.28, house sergeants and 900 policeman, $2.38 per day while on actual duty.

POLICE MAGISTRATES.

Salary, $3000 each.

Officers of the Board of Magistrates.—President, ROBERT R. SMITH; Vice-President, WILLIAM P. BECKER; Secretary, W. H. LIST; Treasurer, EZRA LUKENS.

Courts.—No. 1—Wm. A. Thorp, *R.* Passayunk avenue, below Reed street. No. 2—J. K. Findlay, *D.*, 1424 South street. No. 3—Jas. L Brown, *R.*, 214 Christian street. No. 4—Hugh Collins, *D.*, 816 Passayunk avenue. No. 5—Wm. H. List, *R.*, 144 South Sixth street. No. 6—J. B. Martin, *D.*, 501 Chestnut street. No. 7—John McClintock, *R.*, 323 South Eighth street. No. 8—Robert R. Smith, *R.*, 713 Sansom street. No. 9—Richard J. Lennon, *D.*, 36 South Seventh street. No. 10—J. F. Pole, *R.*, 108 North Seventh street. No. 11—A. H. Ladner, *D.*, 305 Vine street. No. 12—Ezra Lukens, *R.*, 835 Callowhill street. No. 13—Charles Brown, *R.*, 1731 Fairmount avenue. No. 14—John Thompson, *R.*, 2800 Frankford avenue. No. 15—Joseph S. Allen, *R.*, 244 East Girard avenue. No. 16—William P. Becker, *D.*, 959 North Third street. No. 17—Henry Myers, *R.*, 606 York street. No. 18—B. O. Severn, *R.*, 1012 Columbia avenue. No. 19—J. S. Riley, *R.*, 1242 North 19th street. No. 20—John Rink, *D.*, 4415 Main street, Manayunk. No. 21.—Thomas W. South, *R.*, 4304 Main street, Frankford. No. 22—Geo. R. Krickbaum, *R.*, Chelton avenue, opposite Depot, Germantown. No. 23—Thomas H. Clark, *D.*, 4091 Lancaster avenue. No. 24—Thomas Randall, *R.*, 3612 Chestnut street.

HIGHWAY DEPARTMENT.

Office, City Hall.

Chief Commissioner—JOHN D. ESTABROOK, *R.* Salary, $4500. Elected by Councils. Term expires January, 1886.

Assistant Commissioners—William R. Green, *R.*; Thomas Gilligan, *R.*; John B. White, *R.*; Wm. C. Cranmer, *R.*; John Martin, *R.*; A. R. Roberts, *R.* Salaries, $1800 each.

Chief Clerk—Malcolm M. Coppuck, *R.* Salary, $1800.

Assistant Clerks—Isaac R. Martindell, *R.*; Joseph Sturges, *R.* Salaries, $900 each.

License Clerk—J. G. Dixon, *R.* Salary, $1170.

Assistant Clerk—E. W. Smitheman, *R.* Salary, $900.

Miscellaneous Clerk—H. C. Briggs, *R.* Salary, $900.

Street Superintendents—Andrew M. Shinkle, *R.*, and Charles Carpenter, *R.* Salaries, $900 each.

Messenger—Geo. G. Evans, *I. R.* Salary, $720.

SURVEY DEPARTMENT.

Office, City Hall.

Chief Engineer and Surveyor—SAMUEL L. SMEDLEY, *R.* Salary, $3600. Elected by Councils. Term expires 1887.

Principal Assistant—J. Milton Titlow, *R.* Salary, $1800.

Assistant Engineer—John K. Little, *R.* Salary, $1800.

Recording Clerk—George Sturges, *R.* Salary, $1350.

Registrar—John H. Dye, *R.* Salary, $1350.

Draughtsmen—W. G. Walbridge, *R.*; Carl A. Trik, *R.*; and Edward H. Thompson, *R.* Salaries, $1365.

Registration Draughtsmen—James W. Simmons, *R.*; H. C. Hamer, *R.*; John Eggleton, *R.*; H. C. Glenn, *R.*; W. H. Wester, *R.*; and Francis Lightfoot, *R.* Salaries, $900 each.

Rodman—J. H. F. Dixon, *R.* Salary, $720.

Clerks—R. B. Davis, *R.*; G. H. Mercer, *R.* Salaries, $900.

Janitor—Isaac Holland. Salary, $600.

District Surveyors. Elected by the people for five years. Salaries, $500 each and fees. First District—Thomas Daly, *D.*; 2—C. W. Close, *R.*; 3—D. H. Shedaker, *R.*; 4—E. D. Roberts, *R.*; 5—A. French, *D.*; 6—Joseph Mercer, *R.*; 7—W. Albertson, *R.*; 8—J. H. Levering, *R.*; 9—H. A. Stallman, *R.*; 10—George S. Webster, *R.*; 11—Joseph Johnson, *R.*; 12—W. H. Jones, *R.*; 13—J. Hibberd, *R.*

MARKETS AND CITY PROPERTY.

Office, City Hall.

Commissioner—WILLIAM DIXEY, *R.* Salary, $3400. Elected by Councils. Term expires February, 1886.

Chief Clerk—William Bartley, *R* ; Salary, $1500.

Assistant Clerk—D. Oram Young, *R.* Salary, $900.

Superintendent Independence Hall—Robert Liberton, *R.* Salary, $720.

Special Officer Independence Hall—M. V. Donnelly, *R.* Salary, $800.

Clerks of Markets—All Republicans, salaries, $365; George W. Shaeffer, Charles H. Holst, John L. Major, John Kane, Edward Macken, James J. Byrne, G. W. Siner, George Ryan, James G. Clark, S. W. Ogden, Samuel Johnson, G. W. Metzgar, D. M. Woodward, W. Craig, E. T. Jackson, C. Fite, M. Potts, W. P. Pontzler, G. W. Wright.

Superintendent Morgue—S. M. Fox, *R.* $700.

Superintendents of Halls and Public Squares—(All Republicans), National Museum, Mrs. T. M. Wilson, salary, $405; City Burial Ground, Wm. Taylor, salary, $450; Passayunk Square, George W. Thompson, salary, $250; Fair Hill, P. Rittenhouse, salary, $250; Germantown Hall, Charles Humphries; Franklin Square, John D. Yerkes; Independence Square, Thomas Armitage; Washington Square, Wm. S. Rigli; Rittenhouse Square, W. S. Beatty; Logan Square, John Powell; Jefferson Square, Frank J. Tibbitt; and Norris Square, John H. Myers. Salaries, $600 each.

WATER DEPARTMENT.

Office, N. W. corner Thirteenth and Spring Garden Streets.

Chief Engineer—WILLIAM LUDLOW, *D.* Salary, $6000. Elected by Councils. Term expires March, 1886.

Assistant Engineers—John L. Ogden, *R.*; Charles G. Darrach, *R.*; John E. Codman, *R.* Salaries, $1800 each.

General Superintendent—J. J. De Kinder, *R.* Salary, $3000.

Chief Clerk—J. T. Hickman, *R.* Salary, $1800.

Assistant Clerk—L. L. Dean, *R.* Salary, $1080.

Draughtsman—Carl O. Lindroth, *R.* Salary, $1350.

Clerks—W. W. Widdifield, *R.*; William J. Innis, *R.* $810 each.

Clerk to Superintendent—John A. Hayes, *R.* Salary, $850.

Messenger—Thomas J. Lister, *R.* Salary, $765.

Superintendent Repair Shops—James F. Neall, *R.* Salary, $1440.

Engineers at Works—All Republicans. Fairmount, Joseph Mayer, salary, $1000, and R. K. Matlack, salary, $900; Spring Garden, Albert G. Bonsall, salary, $1100; Belmont, Christian Bezold, salary, $1000; Roxborough, W. H. Smith, salary, $1000; Mount Airy, Archibald Wier, salary, $800; Chestnut Hill, James McClenahan, salary, $700; Frankford, Charles Douglass, salary, $1000; Delaware, D. B. Berkinbine, salary $1000.

Purveyors—All Republicans, salaries, $1480 each. First District—John S. Holmes; 2—David A. Craig; 3—Charles J. Lowry; 4—John Montgomery; 5—Henry Dawson; 6—David B. Morrell.

Registrar—A. N. Keithler, *R.* Salary, $2250.

Chief Clerk—Wm. J. Halliday, *R.* Salary, $1350.

Receiving Clerk—John F. Scheidt, *R.* Salary, $1300.

General Clerks—Joseph Fisher, *R.*; John M Stacker, *R.*; Charles L. Hayden, *R.*; Chas. H. Russell, *R.*; G. S. Macaully, *R.*; Chas. D. Birney, *R.* Salaries, $900 each.

Permit Clerk—Ephraim Higbee, *R.* Salary, $1080.

Registering Clerk—A. Buckheister, *R.* Salary, $1080.

Inspectors—All Republicans, salaries, $900 each. Thomas Orr (Chief), S. D. Woodington, William A. Agnew, James Cameron, E. D. Thomas, William Erwin, William H. Hergesheimer, E. M. Rowe, Henry Marshall, John Simon, H. B. Garrett, Lewis Obermiller. Thomas Shaeffer, James H. Graham, William T. Pound.

FIRE DEPARTMENT.

Headquarters, S. W. corner Juniper and Race Streets.

Commissioners—Jacob Laudenslager, *R.* (President); Samuel B. Gilpin, *R.*; Blaney Harvey, *R.*; Edward Furlong, *R.*; William Judge, *R.*; William F. McCully, *D.*; Joseph S. Robinson, *D.* Not salaried. Elected by City Councils.

Chief Engineer—John R. Cantlin, *R.* Salary, $2250.

Assistant Engineers—J. T. Hammond, *R.* James C. Baxter, *R.*; John Smith, *R.*; William F. Mooney, *R.*; and William Stagart, *R.* Salaries, $1080 each.

Secretary—Wm C. Zane, *R.* Salary, $1200.

Clerk of Storehouse—William Hayes, *R.* Salary, $800.

Messenger—Henry Boardman, *R.* Salary, $700.

The Fire Department consists of thirty-one Engines and six Trucks, operated by thirty-one Enginemen, at a salary of $1000 each; thirty-one Firemen, at a salary of $800 each; thirty-seven Drivers and six Tillermen, at a salary of $750 each; thirty-seven Foremen, at a salary of $1000 each; and three hundred and eight Hose and Laddermen, at a salary of $750 each, who are permanently employed.

POLICE AND FIRE-ALARM TELEGRAPH.

Headquarters, Central Station, Fifth and Chestnut Streets.

Superintendent—Wm. J. Philips, *R.* Salary, $1650.

Assistant Superintendent—D. R. Walker, *R.* Salary, $1350.

DEPARTMENT OF THE POOR.

Office, No. 42 North Seventh Street; Almshouse, 34th and South Streets.

Board of Guardians—P. K. Daly, *D.*; John Huggard, *D.*; E. F. Hoffman, *R.* (President); Thos. S. Keyser, *R.*; W. R. Chapman, *R.*; William McAleer, *D.*; John Ruhl, *R.* (Treasurer); Joseph Paxson, *R.*; James Stewart, *R.*; Louis Wagner, *R.*; Richard C. McMurtrie, *R.*; Wm. H. Zeigler, M.D., *R.*

Superintendent—Thomas B. Scarborough, *R.* Salary, $2700.

Secretary—Robert C. Floyd, *D.* Salary, $1700.

Chief Physician—D. D. Richardson, *R.* Salary, $2250.

Storekeeper and Chief Clerk—R. M. Banks, *R.* Salary, $1260.

House Agent—Oliver P. Bohler, *R.* Salary, $990.

Chief Apothecary—W. F. Bender, *R.* Salary, $1080.

Overseer of Manufacturing—John B. Snyder, *R.* Salary, $900.

Outdoor Agent—A. D. W. Caldwell, *R.* Salary, $1100.

Hospital Warden—Thomas N. McLaughlin, M.D. Salary, $900.

HEALTH.

Members of the Board—Horatio G. Sickel, *R.* (President); A. A. Hirst, *D.* (Secretary); J. G. Patterson, *R.*; William B. Kinsey, *R.*; R. A. Cleeman, M.D., *D.*; William H. Ford, M.D., *R.*; Alfred H. Dingee, *R.*; T. L. Vanderslice, *R.*; Walter Allison, *R.*; Wm. H Dutton, *D.*; Dr. Jos. G. Richardson, *R.*; M. A. Davis, *R.*

Health Officer—James L. Selfridge, *R.* Salary, $2100 and fees.

Chief Clerk—Wm. P. Troth, *R.* Salary, $1500.

Medical Inspector—J. H. Taylor, *R.* Salary, $1500.

Registration Clerk—George E. Chambers, *R.* $1200.

Port Physician—Robert H. Allison, M.D., *R.* $1200.

Lazaretto Physician—W. T. Robinson, M.D., *R.* Salary, $2500.

Lazaretto Steward—Robert Cairns, *R.* Salary, $1080.

Quarantine Master—H. R. Manley, *D.* Salary, $2000.

In Charge of Municipal Hospital—Wm. M. Welch, M.D., *R.*, *Physician;* salary, $1500; James S. Haynes, *R.*, *Steward:* salary, $540.

General Clerks—A. T. Lynch, *R.*; J. W. Brown, *R.*; G. S. Hughes, *R.* Salaries, $1000 each.

Runner—David Brown, *R.* Salary, $500.

Chief Nuisance Inspector—S. H. Martin, *R.* Salary, $900.

Assistant Registry Clerks—H. Patterson, *R.*; C. W Murray, *R.*; J. V. P. Turner, *R.*; J. T. Johnson, *R.* Salaries, $750 each.

COUNTY PRISON.

Passayunk Avenue and Reed Street.

Inspectors—Edward Smith, J. Price Wetherill, Jasper Wister, M.D. (President), Henry D. Welsh, Charles Hill, S. P. Stitt, Wm. M. Reilly, Henry C. Howell (Treasurer), William C. Houston, E. Robins, Emlen Hutchinson.

Superintendent—Howard Perkins, *R.* Salary, $2250.

Clerk—J. K. Howell, *R.* Salary, $1125.

Deputy Superintendents—John Mirkil, *R.*; A. P. Richardson, *R.* Salaries, $1125 each.

Physician—Benjamin F. Butcher, *R.* Salary, $900.

Apothecary—F. Sharp, *R.* Salary, $810.

Sup't of Shoe Dep't—T. K. Bowman. *R.* Salary, $1200.

Prison Agent—Charles Heritage, *R.* Salary, $1125.

Gate Keepers -C. Abel, *R.*; E. Rogers, *R.* Salaries, $810 each.

Messenger—Henry S. Peterson, *R.* Salary, $810.

Matron—Elizabeth Matthews, *R.* Salary, $585.

HOUSE OF CORRECTION.

Office, Harmony and Hudson Streets.

Managers—Robert Laughlin, *R.* (President); Robert C. Tittermary, *R.*; R. G. Oellers, *R.* (Treasurer); William A. Duff, *R.*; William Bumm, *R.*; John Dunn, *R.*; Samuel C. Willitts, *R.*; John Roberts, *R.*; E. A. Shallcross, *R.*; Thomas S. Disston, *R.*

Secretary—Edwin Palmer, *R.* Salary, $1200.

Gen. Superintendent—Edwin A. Merrick, *R.* Salary, $2500.

Master Warden—Robert McBride, *R.* Salary, $1500.

Visiting Physician—Benj. Pennebaker, *R.* Salary, $900.

Chief Engineer—Charles J. Smith, *R.* Salary, $720.

Messenger—S. A. Kilpatrick, *R.* Salary, $648.

Resident Physician—J. Pearson Willitts, *R.* Salary, $900.

Captain of the Guard—James S. Thompson, *R.* Salary, $900.

Matron—Susan H. Swain. Salary, $675.

CORONER'S OFFICE.

Office, Southwest corner Seventh and Chestnut Streets.

Coroner—Thomas J. Powers, *R.* Salary, $5000. Term expires 1887.

(The employees given are those who held position under Coroner Janney.)

Deputy—Vacancy. $2500.

Physicians—Joseph S. Neff, D. Willis Cadwalader, *R.* Salaries, $1250 each.

Clerk—Samuel H. Ashbridge, *R.* Salary, $1000.

Assistant Clerk—Thos. Dugan, *R.* $700.

Messengers—John S. Donal, *R.*; Chas T. Toy, *R.* Salaries, $700 each.

Wagon Driver—John W. Shuman, *R.* Salary, $1800.

Undertaker—J. Louis Good, *R.*

PUBLIC EDUCATION.

Office, 713 Filbert Street.

Members of the Board—First Section, A. S. Jenks, *R.* Second, A. Nebinger, M.D., *D.* Third, W. J. Jackson, *D.* Fourth, P. A. Fagen, *D.* Fifth, John M. Campbell, *D.* Sixth, John Shedden, *R* Seventh, Lewis Elkin, *R.* Eighth, Simon Gratz, *R.* Ninth, J. Freeborn, *R.* Tenth, M. P. Hutchinson, *R.* Eleventh, Samuel T. Child, *D.* Twelfth, M. Hall Stanton, *R.* Thirteenth, James V. Watson, *R.* Fourteenth, Vacancy. Fifteenth, Henry S. Godshall, *R.* Sixteenth, Isaac A. Sheppard, *R.* Seventeenth, Jas. Hughes, *D.* Eighteenth, Alexander Adair, *R* Nineteenth, William F. Miller, *R.* Twentieth, Jos. C. Ferguson, *R.* Twenty-first, Edward T. Steel, *R.* Twenty-second, Spencer Roberts, *R.* Twenty-third, Richardson L. Wright, *D.* Twenty-fourth, Edward Lewis, *R.* Twenty-fifth, Thomas W. Marchment, *D.* Twenty-sixth, J. J. Cooper, *R.* Twenty-seventh, William M. Smith, *R.* Twenty-eighth, Chas. F. Abbot, *R.* Twenty-ninth, William Gulager, *R.* Thirtieth, W. J. Pollock, *R.* Thirty-first, James Pollock, *R.*

President—Edward T. Steel.

Secretary—Henry W. Halliwell, *R.* Salary, $2000

Assistant Secretary—A. F. Hammond, *R.* Salary, $1450.

Superintendent—James MacAlister, *R.* Salary, $5000.

Assistant Superintendents—Andrew J. Morrison *D.*, and James F. C. Sickel, *R.* salary, $2500; and Lydia A. Kirby and May Haggenbotham, salary, $1800 each.

Clerk to Superintendent—Adele M. Smith. Salary, $750.

Architect and Supervisor of School Buildings—Lewis H. Esler, *R.* Salary, $2000.

Assistant—John Smith, *R.* Salary, $960.

First Clerk—Albert B. Beale, *R.* Salary, $1000.

Second Clerk—L. E. Drake, *R.* Salary, $930.

Third Clerk—William Dick, *R.* Salary, $840

Messenger—William S. Ruff, *R.* Salary, $900.

TAXES.

ASSESSMENT OF TAXES.

Board of Revision—Simon Gratz, *R.*; Wm. Loughlin, *D.*; Geo. W. Fairman, *R.* Salaries, $4000 each.

Chief Clerk—James W. Sayre, *R.* Salary, $2000.

Assistant Clerk—Wm. H. Loughlin, *D.* Salary, $1200.

Division and Locality Clerk—Wm. McDonald, *R.* Salary, $1000.

Allowance Clerk—Wm. A. Cushing, *R.* Salary $1000.

Appeal Clerk—John W. Woodward, *R.* Salary, $1000.

Certificate Clerk—Chas. Van Dusen, *R.* Salary, $1000.

Record Clerk—Horatio N. H. Stokley, *R.* Salary, $1000.

Messenger—Wm. J. Van Leer, *R.* Salary, $700.

Assessors—Salaries, $2000 each.—First District—First Ward and portion of Twenty-sixth Ward, east of Broad street—Albert List, Peter Monroe. Second District—south side of South street, west side of Broad street to Schuylkill River—John K. Yarnall, R. A. Lukens. Third District—Second, Third, and Fourth Wards—Joseph L. Nobre, Joseph Eneu. Fourth District—Fifth and Sixth Wards—Jos. B. Barry, H. A. Gildea. Fifth District—north side of South street, south side of Vine street, west side of Seventh street, and east side of Thirteenth street—John G. Adair, E. G. Carlin. Sixth District—north side of South street, south side of Chestnut street, west side of Thirteenth street, to Schuylkill River—James D. Keyser, Albert A. Dunton. Seventh District—north side of Chestnut street, south side of Vine street, west side of Thirteenth street to Schuylkill River—Alfred Gratz, C. Haggarty. Eighth District—north side of Vine street, south side of Master street, west side of Broad to Schuylkill River—James E. Ritchie, Howard Joseph. Ninth District—north side of Vine street, south side of Master street, west side of Sixth street to east side of Broad street—Peter Bobb, F. P. Haggerty. Tenth District—Eleventh, Twelfth, and Sixteenth Wards—H. H. Wilson, George R. Berrell. Eleventh District—Seventeenth and Eighteenth Wards—Jos. W. Kerr, John Huplet. Twelfth District—north side of Master street, east side of Broad street, west side of Sixth street and Germantown avenue—Wm. H. Thomas, James O'Hara. Thirteenth District—north side of Master street, south side of Lehigh avenue, west side of Broad street, to Schuylkill River—Theophilus Cornell, Jno. S. Gregg. Fourteenth District—Nineteenth Ward—Jno. T. Finletter, B. Frank Gaskill. Fifteenth District—Thirty-first Ward—Wm. G. Lamon, Chas. W. Potter. Sixteenth District—Twenty-fifth Ward, south of Wheat Sheaf lane—Wm. T. Seal, Isaac S. Cassin. Seventeenth District—Twenty-third Ward, and portion of Twenty-fifth Ward, north of Wheat Sheaf lane—A. M. Maggi, Jr., E. H. Flood. Eighteenth District—Twenty-second Ward, south of Chelten avenue, and Twenty-eighth Ward, north of Lehigh avenue and west of Germantown avenue and Broad street—Fountain Ward, T. A. Sloan. Nineteenth District—Twenty-first Ward and Twenty-second Ward north of Chelten avenue—Josephus Yeakel, W. B. Thomas. Twentieth District—Twenty-fourth Ward—F. M. Mayhew, Jesse T. Vodges. Twenty-first District—Twenty-seventh Ward—Robert Paschall, Isaac Leech.

The first-named in each District is a Republican, the latter is a Democrat.

COLLECTION OF TAXES.

Receiver of Taxes—JOHN HUNTER, *I. R.* Salary, $2500.

Office, City Hall. Term expires, April, 1884.

Deputy Receiver—HENRY C. STOUT, *R.* Salary, $2000.

Cashier—Isaac C. Underdown, *R.* Salary, $2500.

Chief Clerk—J. H. Connellan, *D.* Salary, $2000.

Discount Clerk—J. F. Needham, *R.* Salary, $1500.

Bill Clerks—Thos. Wattson, *R.*; Mahlon Wanner, *R.*; Geo. A. Richards, *R.*; William H. Riley, *R.*; Anthony Levering, *R.*; W. T. Fell, *R.*; John McGill, *R.*; Geo. W. Shedwick, *D.* Salaries, $1000 each.

Registering Clerks—William Wattson, *R.*; Edward E. Joachim, *D.*; H. H. Diddlebock, *R.*; Joseph L. Silver, Jr., *R.* Salaries, $1000 each.

Auditor—Millard B. Wimer, *R.* Salary, $1000.

Judicial Sales Clerk—Thos. K. Arnold, *D.* Salary, $1000.

Chief Search Clerk—W. M. Neisser, *R.* Salary, $1200.

Assistant Search Clerks—John Cartlidge, *D.*; Jesse N. Rooke, *R.*; Wilbur F. Preston, *R.*; William S. Hergesheimer, *D.* Salaries, $1000 each.

Messenger—William H. Buck, *R.* Salary, $1000.

Watchman—E. D. Marshall, *D.* Salary, $600.

Janitor—John P. Gordon, *R.* Salary, $600.

DELINQUENT TAXES.

Office of Collector, No. 6 South Merrick Street.

Collector, HENRY B. TENER, *R.*

(Appointed by the Receiver of Taxes and paid by fees. This office will be consolidated with the Receiver of Taxes Office after April 7, 1884.)

Salaries of Staff paid by Collector.

Chief Deputy—Henry M. Gratz, *R.* Salary, $2500.

Solicitor—Joseph L. Caven, *R.* Paid by fees.

Lien Solicitor—Kinley J. Tener, *R.* Salary, $1200.

Cashier—Robert Tener, *R.* Salary, $1800.

Register—J. P. J. Sensenderfer, *D.* Salary, $1500.

Lien Clerk—Theodore James, *R.* Salary, $1500.

Bill Clerk—Andrew P. Chism, *R.* Salary, $1200.

Locality Clerk—Jacob L. Reiff, *R.* Salary, $1200.

Watchman—Hugh Pinkerton, *D.* Salary, $750.

Janitor—William Weaver, *R.* Salary, $300.

Deputy Collectors—First Ward—Thomas F. Close, *R.*; 2—L. T. Lynch. *D.*; 3—J. L. C. Tatem, *R.*; 4—M. C. Lyons, *D.*; 5—John W. Donnelly, *R.*; 6—James W. Campbell, *R.*; 7—W. J. Carroll, *D.*; 8—John F. Keator, *R.*; 9—W. F. Fotteral, *D.*; 10—F. H. Peirrie, *D.*; 11—J. A. Cahill, *D.*; 12 and 14—W. P. Stilz, *R.*; 13—Isaac H. O'Hara, *R.*; 15—Ephraim Haws, *R*; 16—James Nicholl, *R.*; 17 and 19—George P. Myers, *R.*; 18—Henry B. Luffberry, *R.*; 20—James H. Avery, *R.*; 21—W. J. MacDonald, *D.*; 22—Daniel L. Stewart, *D.*; 23—Jesse H. Cottman, *D.*; 24—James R. Bissex, *D.*; 25—J. W. DeHorsey, *R.*; 26—Samuel Alcorn, *R.*; 27—George W. Barton, *D.*; 28—J. W. Campbell, *R.*, and M. G. Delahunty, *D.*; 29—Charles A. Widmer, *R.*; 30—George L. Harvey, *R.*; 31—Andrew Keiser, *R.* Paid by commissions.

Distraining Officers—John Ertel, *R.*; F. M. Wagner, *R.*; J. W. Campbell, *R.*; Chas. H. Binns, *D.*; James Nicholl, *R.*; E. P. Michener, *R.*; Charles H. Buck, *R.*; C. M. Berry, *R.* Paid by commissions.

DEPARTMENT OF CITY CONTROLLER.

Office, City Hall.

Controller—E. HARPER JEFFRIES, *R.* Salary, $8,000. Term expires, Jan., 1887.

(The employees, except Chief Clerk, are those who held positions under Mr. Page.)

Chief Clerk—Joseph M. Collingwood, *R.* Salary, $2500.

Chief Auditor—Frank W. Leach, *I. R.* Salary, $2500.

Book-keeper—Clifford J. Cadwallader, *D.* Salary, $1800.

Assistant Book-keeper—John T. Hogan, *D.* Salary, $1200.

Auditors—All Democrats; salaries, $1200 each; Alexander Russell, Wm H. Murphy, John W. Boileau, Jr., John Gallagher, John McCormick, J. T. Walsh, John Cassin, John Gormley, A. A. Mullin, A. J. Fredericks.

Department Clerks—All Democrats; salaries, $1200 each; J. McCarthy, C. L. Wolff, James J. King, Morris Tuteur, Robert S. Monks, J. Mahoney.

Return Clerk—A. J. Diamond, *D.* Salary, $1200.

Registers—E. C. Deery, *D.*; Silas Smith, *D.*; John B. Singel, *D.*; John R. Lynch, *D.* Salaries, $1000 each.

Messenger—J. Montague, *D.* Salary, $800.

CITY TREASURY.

Office, City Hall.

City Treasurer—W. B. IRVINE, *R.* Salary, $10,000. Term expires, 1886.

Chief Clerk—Carroll Neide, *R.* Salary, $2500.

Receiving Tellers—Wm. A. Robinson, *R.*, and Joseph W. Catharine, Jr., *R.* Salaries, $1500 each.

Assistant Receiving Teller—Wm. C. Barnes, *R.* Salary. $1000.

Paying Teller—Chas. C. Corcoran, *R.* Salary, $1800.

Assistant Paying Tellers—John Gallagher, *R.* Salary, $1200. Geo. S. Holmes, *R.* Salary, $1000.

Book-keeper—David C. King, *R.* Salary, $1800.

Assistant Book-keeper—Chas. E. Orme, *R.* Salary, $1000.

Warrant Clerk—C. R. McCauley, *R.* Salary, $1500.

Assistant Warrant Clerks—Frank W. Newbold, *R.*, and James McConnell, *R.* Salaries, $1000 each.

State Clerk—Frank F. Bell, *R.* Salary, $1500.

Assistant State Clerks—Charles Heidmann, *R.*; J. Fred. Volk, *R.*, and J. D. Roberts, *R.* Salaries, $1000 each.

Miscellaneous Clerk—Chas. Foremen, *R.* Salary, $900.

Messenger—Geo. W. Hewitt, *R.* Salary, $700.

Watchman—Samuel W. Moses, *R.* Salary, $720.

RECORDER OF DEEDS.

Recorder—JOHN O'DONNEL, *R.* Salary, $12,000. Term expires, January, 1885.
Office, No. 425 Chestnut Street.

Deputy Recorder—Joseph K. Fletcher, *R.* Salary, $2500.

Chief Clerk—Alfred C. Stulb, *R.* Salary, $2000.

Chief Search Clerk—Ralph N. Warner, *R.* Salary, $2000.

Search Clerks—Samuel A. Topham, Wm. G. Combes, Geo. W. Sayre. All Republicans. Salaries, $1500 each.

Mortgage Index Clerk—Jacob Adler, *R.* Salary, $1500.

Conveyance Index Clerk—W. S. Ridgway, *R.* Salary, $1200.

Book-keeper—John Pollock, *R.* Salary, $1200.

Conveyance Search Clerks—Samuel A. Welsh, *R.*, and Robert S. Galbraith, *R.* Salaries, $1000 each.

Special Index Clerks—Wm. W. Broom, Geo. W. Brown, George H. Quick, Ellwood M. Stillwell, Geo. W. Shaffer and David McIlwain. All Republicans, and salaries, $1000 each.

Superintendent of Transcribing Room—John S. Cameron, *R.* Salary, $1000.

Miscellaneous Clerks—Benj F. Gaunt, Charles S. Weston, Geo. W. Jackson and Joseph T. Lewis. All Republicans, and salaries, $900 each.

Compare Clerks—Samuel R. Clime, *R.*, and John Stephens, *R.* Salaries, $900 each.

Messenger—James A. Junior, *R.* Salary, $700.

Janitor—James H. Parker, *R.* Salary, $600.

Custodian of Records—Alex. W. Scott, *R.* Salary, $500.

Transcribing Clerks (All Republicans)—Wm. Bayle, Frank M. Hartley, Spry Owen, Christian F. Gramlich, Thomas F. Cahill, Joseph Weichelsbaum, Geo. F. Justus, Robert M. Moore, Jr., Wm. Spence, Clayton G. Young, Thomas Megargee, Clement M. Hemphill, Nicholas F. English, John T. Casey, Frank Naulty, R. S. Galbraith, S. D. Cozzens, J. A. Maugle, H. C. Doebly, J. P. Castor, W. W. Hincken, J. C. Addis and F. J. Doerr. Salaries, 40 per cent of fees received.

REGISTER OF WILLS.

Register—WALTER E. REX, *I. R.* Salary, $10,000. Term expires, 1886.
Office, No. 419 Chestnut Street.

Deputy Register—Wm. G. Shields, *R.* Salary, $2000.

State Appraiser—Gen. J. Wm. Hofmann, *I.* $1500.

Transcribing Clerks—Samuel M. Lane, *R.*; Walter H. Maguire *D.* $1000 each.

Account Clerk—Harry A. Chester, *D.* $1000.

Recording Clerk—Henry A. McKane, *D.* $1000.

Assistant Recording Clerk—Charles Irwin, *R.* $1000.

Miscellaneous Clerk—C. Morris Glackens, *D.* $500.

Messenger—J. Dudley Worman, *D.* $700.

QUARTER SESSIONS.

Clerk—WILLIAM E. LITTLETON, *R.* Salary, $5,000. Term expires, 1887.
(The employees given are those who held positions during Mr. Littleton's previous term.)

Deputy Clerk—Richard Peltz, *R.* $2500.

Court Clerk—A. Wilson Henszey, *R.* $2500.

Assistant Clerks—William B. Ahern, *R.*; Charles H. Good, *R.* $1200 each.

Record Clerk—Benjamin N. Faunce, *R.* $1200.

Fee Clerk—J. Elmer Hall, *R.* $1000.

Road Clerk—Lewis C. Dunlap, *R.* $1000.

Search Clerk—Wm. L. Foreman, *R.* $900.

Subpœna Clerk—George W. Hutchinson, *R.* $900.

Miscellaneous Clerk—Chas. Yore, *R.* $900.

Messenger—Isaac C. White, *R.* $700.

DISTRICT ATTORNEY.

District Attorney—GEORGE S. GRAHAM, *R.* Salary, $10,000. Term expires, 1887.
(The employees given are those who held positions during Mr. Graham's first term.)

First Assistant—F. Amedee Bregy, *R.* $6000.

Second Assistant—Charles F. Warwick, *R.* $5000.

Third Assistant—John L. Kinsey, *R.* $3000.

Murder Detective—Charles F. Myers, *R.* $1200.

General Detective—Henry Weyl, *R.* $1500.

Clerk—J. M. R. Jermon, *R.* $1200.

Fee Clerk—S. P. Galton, *R* $500.

SHERIFF'S OFFICE.

Sheriff—GEORGE DEB. KEIM, *R.* Salary, $15,000. Term expires, 1885.

Real Estate Deputy—James E. Salter, *R.* Salary, $4000

Clerk to Real Estate Deputy—Isaac P. Taylor, *R.* Salary, $1500.

Personal Estate Deputy—John H. Anderson, *R.* Salary, $2000.

Execution Clerk—Ellwood Everett, *R.* Salary, $1200.

Appearance Clerk—John P. Sipler, *R.* Salary, $1000.

Assistant Appearance Clerk—Solomon W. May, *R.* Salary, $900.

Fee Clerk—Leonard G. Myers, *R.* $1000.
Solicitor—David W. Sellers, *D.* $2000.
Assistant Solicitor—W. Grew, *R.* $1500.
Deputy Sheriffs—George J. Van Houten, *R.*; Adam Allbright, *R.*; Augustine S. Roberts, *R.*; Charles Algeo, *R.*; Wm. T. Brown, *R.*; and Thomas H. Stokley, *R.* $1000 each.
Clerks to Deputy Sheriffs—Alexander Morrison, *R.*; George W. Fox, *R.*; John McCormack, *R.*; Andrew Jackson, *R.*; John Schaffer, *R.*; and Frank G. Walter, *R.* $900 each.
Auctioneer—J. Harbeson Barnes, *R.* $600.
Messenger—Louis Marth, *R.* $700.
Janitor—James Purnell, *R.* $500.
Bill Poster—Albert F. Bickley, *R.* $1000.
Quarter Sessions Deputy—Levi C. Hart, *R.* $700.
Assistant Quarter Sessions Deputy—Edward Lyons, *R.* $700.
Use and Driver of Van—Andrew Hague, *R.* $1500.
Court Deputies—No. 1, Horace Gaw, *R.*; No. 2, A. J. Reilly, *R.*; No. 3, Henry I. McIntyre, *R.*; No. 4, Eli G. Sellers, *R.* $100 each.

COUNTY COMMISSIONERS.

William S. Douglass, *R.*; William Lawson, *R.*; Charles H. Krumbhaar, *D.* Salary, $5000 a year.

Chief Clerk—Joseph H. Winters, *R.* $1500.
Election Clerks—Lewis T. Caron, *R.* $900; David S Scott, *R.* $900.
Messenger—William Harvey, *R.* $700.

DEPARTMENT OF LAW.

Northeast corner of Sixth and Locust Streets.

City Solicitor—William Nelson West, *R.* Salary, $15,000. Term expires, April, 1884.

First Assistant—Charles E. Morgan, Jr., *R* Salary, $2350.
Second Assistant—John K. McCarthy, *R.* Salary, $1500.
Solicitor for Guardians of Poor—F. A. Osbourne, *R.* Salary, $1000.
Assistants, all Republicans—Abraham M. Beitler, Robert W. Finletter, William H. Addicks, M. Verner Simpson, John Scott, Jr., Robert T. Corson, C. B. McMichael, Samuel Peltz. Salaries, $1000 each.

PROTHONOTARY COMMON PLEAS.

Office, S. E. corner Sixth and Chestnut Streets.

Prothonotary—William B. Mann, *R.* Salary, $10,000. Appointed by the Judges.
Deputy—Charles B. Roberts, *R.* Salary, $3500.
Second Deputy—Charles N. Mann, *R.* Salary, $2000.
Chief Clerk—James W. Fletcher, *R.* Salary, $1800.
Judgment Search Clerks (all Republicans)—Charles F. Tyer, J. B. Thackara, S. B. Hoppin, and C. H. Kretschmar. Salaries, $1200 each.
Locality Clerks—Enos P. Jefferis, *R.*; Samuel B. Vandusen, *R.*; Edward G. Lee, *R.* Salaries, $1200 each.
Appearance Clerks—Thos. Hope Palmer, *R.*; John Briggs, *R.*; Frank G. Clay, *R.*; Wm. H. Leeds, *R.* Salaries, $1200 each.
Mechanics' Lien Clerk—Geo. W. Hammersly, *R.* Salary, $1200.
Writ Clerks—F. C. Manderson, *R.*; James B. Webb, *R.*; William MacCain, *R.* Salaries, $1200 each.
Index Clerk—Robert Turnbull, *R.* Salary, $1200.
Fee Clerks—Frank R. Burbank, *R.*; Thomas Ashton, *R.* Salaries, $1200 each.
First Exemplification Clerk—Eugene J. Lindsay, *R.* Salary, $1400.
Second Exemplification Clerk—Frank Smith, *R.* Salary, $1000.
Recording and Miscellaneous Clerks (all Republicans)—Stephen Green, Clement G. McCullough, Robert N. Barber, W. Horace Mann, Isaiah Kenderdine, F. M. Mayhew, I. K. Lyster, F. S. Chapron. Salaries, $975 each.
Custodian of Records—James A. Ziegler, *R.* Salary, $900
Custodian of Books—W. B. Mann, *R.* Salary, $800.
Messenger—John A. Barnes, *R.* Salary, $800.

PARK.

Office, City Hall.

Fairmount Park Commissioners—Alexander Henry, *R.*, Fred. G. Wolbert, *R.*, Geo. H. Boker, *R.*, Eli K. Price, *R.*, John Welsh, *R.*, David W. Sellers, *D.*, H. M. Phillips, *D.*, Gustavus Remak, *R.*, Jas. McManes, *R.*, Wm. S. Stokley, *R.*
Ex-officio Members—Samuel G. King, *D.*, Wm. H. Lex, *R.*, Col. Wm. Ludlow, *D.*, Wm. Dixey, *R.*, Samuel L. Smedley, *R.*, W. B. Smith, *R.*
President—Henry M. Phillips.
Vice-President—John Welsh.
Secretary—F. M. Dougherty, *R.* Salary, $2000.
Treasurer—F. G. Wolbert, *R.*
Park Solicitor—Samuel C. Perkins, *R.* Salary, $1200.
Superintendent of the Park—Russell Thayer, *R.* Salary, $3000.
Captain of Park Guard—Louis M. Chasteau, *R.* Salary, $1825.

GAS TRUST.

Office, Seventh Street, above Chestnut. The Trustees are not salaried.

Board of Trustees—Wm. D. Gardner, *R.* (*President*), Wm. W. Alcorn, *R.*; Thomas H. Gill, *D.*; Samuel S. Kelly, *R.*; David H. Lane, *R.*; Wm. R. Leeds, *R.*; Alfred Moore. *R.*; John S. Rittenhouse, *R.*; Albert C. Roberts, *R.*; Wm. H. Smith, *R.*; M. Hall Stanton. *R.*; James Work, *R.*

Chief Engineer of Works—Wm. K. Park, *R.* Salary, $5500.

Cashier—Samuel M. White, *R.* Salary, $4950.

Superintendent of Distribution—Joseph A. Boone, *R.* Salary, $2750.

Registrar—Thomas Noble, *R.* Salary, $2420.

Chief Clerk of Works—Charles S. Dungan, *R.* Salary, $1980.

Controller—Alex. J. McCleary, *R.* Salary, $2000.

Book-keeper—Edward J. Loag, *R.* Salary, $2200.

Chief Clerk at Main Office—W. J. Roney. Salary, $1980.

Registrar, Spring Garden—George G. Shoch, *R.* Salary, $2000.

Registrar, Germantown—Samuel Rittenhouse, *R.* Salary, $1064.

Registrar, Frankford—Jonathan Brooke, *R.* Salary, $1064.

Registrar, Manayunk—A. C. Matthews, *R.* Salary, $1100.

Foreman, Point Breeze—John Roberts, *R.* Salary, $1650.

Foreman, Ninth Ward Works—John Beckenbach, *R.* Salary, $1650.

Foreman, Twenty-fifth Ward Works—John J. Thomas, *R.* Salary, $1100.

BUILDING INSPECTORS.

Office, No. 709 Sansom Street.

Members of the Board—Jas. Zimmerman, *R.*; Jos. M. Hancock, *R.*; Robt. N. Bowers, *R.*; Salaries, $2000 each.

Secretary—Wm. H. Butler, *R.*

BOILER INSPECTORS.

Chief Inspector—John Overn, *R.* Salary, $2000.

Assistants—James L. Dewees, *R.*; L. O. Madden, *R.*; Wm. Hodges, *R.*; Charles Deininger, *R.*; W. S. Boyd, *R.* Salaries, $1200 each.

Clerk—Edward Erdmann, *R.* Salary, $1200.

Collector—J. M. Simpson, *R.* Salary, $700.

PUBLIC BUILDINGS.

The Board has authority to fill vacancies.

Commissioners—Wm. Brice, *R.*; Isaac S. Cassin, *D.*; Wm. S. Stokley, *R.*; Mahlon H. Dickinson. *R.*; William B. Smith, *R.*; Thos. E. Gaskill, *D.*; Wm. H. Lex, *R.*; John L. Hill, *R.*; Hiram Miller, *R.*; Richard Peltz, *R.*; Samuel C. Perkins, *R.*; Samuel G. King, *D.*

President—Samuel C. Perkins, *R.*
Secretary—F. De Haes Janvier, *R.*
Treasurer—W. B Irvine. *R*
Architect—John McArthur, Jr., *R.*
Chief Clerk—Wm. B. Land, *R.*

CITY TRUSTS.

Office, 12th and Girard Streets.

Directors—Jos. L. Caven, *R.*; Jas. Campbell, *D.*; James L. Claghorn, *R.*; Charles H. T. Collis, *R.*; Samuel G. King, *D.*; B. B. Comegys, *R.*; William H. Drayton, *D.*; William B. Mann, *R.*; John H. Michener, *R.*; George H. Stuart, *R.*; Louis Wagner, *R.*; W. B. Smith, *R.*; Wm. H. Lex, *R.*, Alex. Biddle, *R.*; Henry M. Phillips, *D.*

President—Alex. Biddle, *R.*
Vice-President—W. H. Drayton, *D.*
Secretary—Charles T. Miller, *R.*
Superintendent of Girard Estates—Jas. A. Kirkpatrick, *R.*
Engineer—Heber S. Thompson, *R.*

GIRARD COLLEGE.

President—A. H. Fetterolf. *Vice-President*—Henry D. Gregory.

EASTERN PENITENTIARY.

21st Street and Fairmount Avenue.

Inspectors—Richard Vaux, *D.* (Pres't); Geo. L. Harrison, *R.*; Alexander Henry, *R.*; John M. Maris, *R.* Furman Sheppard, *D.*
Warden—Michael J. Cassidy, *R.*

Treasurer—John M. Maris, *R.*
Resident Physician—Wm. D. Robinson, M.D., *R.*
Moral Instructor—Rev. J. Y. Ashton, *R.*

HOUSE OF REFUGE.

23d and Brown Streets.

President—James J. Barclay.
Vice-Presidents—Frederic Collins, Thomas A. Robinson.
Treasurer—Henry Perkins.
Secretary—Alfred M. Collins.
Assistant Secretary—G. M. Troutman.

Counsellors—Isaac Hazlehurst, George W. Biddle.
Solicitor—James J. Barclay.
Physicians—S. B. Howell, F. M. Perkins.
Superintendent—J. Hood Laverty.
Matron—Mary A. Campbell.

CITY ICE-BOATS.

Office, No. 115 Walnut Street.

Trustees—Edward T. Halliwell (President), Thos. J. Martin (Secretary), Frank T. Downing, Galloway C. Morris, John B. Lewellen, George W. Mears, C. A. Griscom. All Republicans.

Superintendent—H. E. Melville, *R.* Salary, $1650.
Clerk—A. H. Walters. Salary, $1000.

PORT WARDENS.

Office, Commercial Exchange, Second Street, above Walnut Street.

E. K. Stevenson, William R. Tucker, George Russell, William Howell, Jr., Joseph S. Keen, Jr., Nicholas Lennig, Theo. Frothingham, Joseph S. Elwell, James M. Ferguson (President), Charles H. Cramp, Geo A. Cotton, Thos. Winsmore, Philip Fitzpatrick, John Mair, S. B. Macdonnell, Wm. M. Neall; Chester, Amos Gartside; Bristol, R. H. Morris.

Master Warden—Christian K. Ross, *R.* Salary, $2500.
Harbor Master—James P. Lindsay, R. Salary, $2500.
Secretary—Jonathan Gillingham, *R.* Salary, $1080.
Vessel Clerk—John F. Bailey, *R.* Salary, $600.

COURTS.

COMMON PLEAS COURTS.

Judges elected for ten years. Salaries, $7000 each.

No. 1.

Fifth Street, below Chestnut.

President Judge—Joseph Allison, *R.*
Associate Judges—William S. Pierce, *R.*; Craig Biddle, *R.*
Clerk—George T. Diess, *R.* Salary, $1400.
Crier—Horace D. Gaw, *R.* Salary, $1252.
Assistant Crier—R. M. Stokley, *R.*

No. 2.

Sixth and Chestnut Streets.

President Judge—J. I. Clark Hare, R.
Associate Judges—J. T. Mitchell, *R.*; D. Newlin Fell, *R.*
Clerk—J. Penn MacCain, *R.* Salary, $1400.
Crier—A. Jackson Reilly, *R.*
Assistant Crier—W. B. Reed, *R.*

No. 3.

Chestnut Street, above Fifth.

President Judge—James R. Ludlow, *D.*
Associate Judges—Thos. K. Finletter, *R.*; Wm. H. Yerkes, *R.*
Clerk—Thos. B. Reeves, *R.* Salary, $1400.
Crier—Henry I. McIntire, *R.*
Assistant Crier—A. P. Keyser, *R.*

No. 4.

Chestnut Street, below Sixth.

President Judge—M. Russell Thayer, *R.*
Associate Judges—Thos. R. Elcock, *D.*; Michael Arnold, *D.*
Clerk—Chas. H. White, *R.* Salary, $1400.
Crier—Eli G. Sellers, *R.*
Assistant Crier—W. B. Hart.

ORPHAN'S COURT.

No. 211 South Sixth Street.

President Judge—Wm. B. Hanna, *R.*
Associate Judges—Clement B. Penrose, *R.*; William N. Ashman, *R.*
Register of Wills—Walter E. Rex, *I. R.* (*ex-officio* Clerk).
First Assistant Clerk—A. J. Fortin, *R.* Salary, $2000.

Second Assistant—Edward Nichols, *R.* Salary, $1200.
Third Assistant—James S. Bird, *R.* Salary, $1000.
Recording Clerk—William J. Reed, *R.* Salary, $1000.
Messenger—E. L. Joyce, *R.* Salary, $700.
Crier—H. M. Wadsworth, *R.*

SUPREME COURT OF PENNSYLVANIA.

Court Rooms, City Hall, South Wing.

Chief-Justice—Ulysses Mercur, *R.*

Justices—Isaac G. Gordon, *R.*; Edward M. Paxson, *R.*; John Trunkey, *D*; J. P. Sterrett, *R.*; Henry Green, *R.*; Silas M. Clark, *D.*

Prothonotary—Charles S. Greene, *R.*
Chief Clerk—H. P. Newlin, *R.*
Search Clerk—W. A. Smith, *D.*

INSPECTORS.

Inspector of Petroleum—Geo. M. Laudenslager, *D.*
Inspector of Leather—George Elton, *R.*
Superintendent of Powder Magazine—Parkhurst McLaughlin, *R.*
Pharmaceutical Examining Board—Charles L. Eberle, James T. Shinn, Robert England, Bennett L. Smedley, and William C. Bakes.
Mercantile Appraisers—R. C. Tittermary, *R.*; George H. Haines, *R.*; E W. Patton, *R.*; Daniel Martin, *R.*; vacancy.

UNITED STATES OFFICERS IN PHILADELPHIA.

U. S. CIRCUIT COURT.

Office on Library Street, below Fifth.
Judges—Supreme Court Justice, Joseph P. Bradley. Circuit Court Judge, Wm. McKennan.
Clerk—Samuel Bell, *R.*

U. S. DISTRICT COURT.

Office Library Street, below Fifth.
Judge—Wm. Butler.
Clerk—Chas. S. Lincoln, *D.*
U. S. District Attorney—John K. Valentine, *R.*
Assistants—Henry P. Brown, *R.*; Hood Gilpin, *R.*; James F. Nickerson, *R.*
U. S. Marshal—James N. Kerns, *R.*
U. S. Deputy Marshals—Thomas Marple, Chas. F. Cake, Wm. Reuter, Gustav Winzer and Chas. Eager. All Republicans.
U. S. Commissioners—Charles Gilpin, J. Cooke Longstreth, Henry Phillips, Jr., Charles P. Clarke, Aubrey H. Smith, Charles Gibbons, Jr., Samuel Bell, Frederick C. Brightly, Henry R. Edmunds.
Registers in Bankruptcy—Edwin T. Chase, B. Franklin Fisher, Sussex B. Davis and Joseph Mason.

CUSTOM HOUSE.

Collector—John F. Hartranft, *R.*
Naval Officer—E. H. Nevin, Jr., *R.*
General Appraiser—Lewis Heyl, *R.*
Appraisers—E. B. Moore, *R.*; Wm. Gaw, *R.*; John A. Caldwell, *R.*
Surveyor—George F. Leland, *R.*
Inspector Drugs—Wm. W. Lamb, *R.*
Inspector Hulls—Joseph Mershon, *R.*
Assistant Inspector Hulls—Peter Cramp, *R.*
Boiler Inspector—F. L. Hand, *R.*
Shipping Commissioner—Wm. L. James, *R.*
Assistants—Edward N. Young, *R.*, and John A. Payne, *R.*

POST-OFFICE.

Postmaster—Henry S. Huidekoper, *R.*
Assistant Postmaster—James F. Bingham, *R.*
Chief Clerk—L. G. Wunder, *R.*
Supt. Money Order Dept—C. Myers, *R.*
Supt. Carriers' Dep't.—W. B. Madara, *R.*

UNITED STATES MINT.

Superintendent—A. Louden Snowden, *R.*
Coiner—O. C. Bosbyshell, *R.*
Melter and Refiner—James C. Booth, *R.*
Assayer—Jacob B. Eckfeldt, *R.*
Chief Clerk—L. R. Cowperthwai, *R.*
Engraver—Charles E. Barber, *R.*

INTERNAL REVENUE.

Office in U. S. Appraiser's Building, Second Street, below Chestnut.
Collector—W. J. Pollock, *R.*

U. S. ASSISTANT TREASURER.

Office, Library Street, below Fifth.
George Eyster, *R.*

PENSION AGENCY.

720 Sansom Street.
Pension Agent—Horatio G. Sickel, *R.*
Examining Surgeons—James Collins, M.D.; H. Ernst Goodman, M.D.; T. C. Rich, M. D.

U. S. ENGINEER'S OFFICE.

Office, 1125 Girard Street.
Brevet Maj Gen. Godfrey Weitzel.

ARMY STAFF OFFICERS.

Office, 1139 Girard Street.
Assistant Quartermaster-General—Lieut.-Col. M. R. Luddington.
Assistant Major—W. B. Hughes, Quartermaster, U. S. A.

U. S. ARSENAL.

Bridesburg.
Commandant—Maj. S. C. Lyford, U. S. A.

QUARTERMASTER'S DEPOT.

Gray's Ferry Road, corner Washington Avenue.
Commandant—Captain W. H. Gill, U. S. A.
Assistant Quartermaster—Captain John L. Clem, U. S. A.

U. S. NAVY PAY OFFICE.

425 Chestnut Street.
Pay Director—A. W. Russell.

U. S. NAVY YARD.

League Island.
Commandant — Commodore Edward Simpson.
Captain of Yard—Captain W. E. Fitzhugh.
Dep't of Yard and Docks—Civil Engineer, M. T. Endicott.
Dep't of Navigation, Ordnance and Equipment and Recruiting—Commander Silas W. Terry.
Dep't Construction and Repair—Naval Constructor P. Hichborn.
Dep't Steam Engineering—Chief Engineer R. M. Bartleman.
Dep't Provisions and Clothing—Paymaster A. D. Bache.

Dep't Medicine and Surgery—Medical Inspector, M. Bradley.
Receiving Ship St. Louis—Captain W. E. Fitzhugh.
Yard Paymaster—Paymaster, H. T. Skelding.
Marine Barracks—Colonel Thomas Y. Field.

U. S. NAVAL RENDEZVOUS.

No. 208 Spruce Street.
Commander—Byron Wilson.
Surgeon—Frank L. DuBois.
Passed Assistant Engineer—Albert C. Engard.

U. S. NAVAL HOSPITAL.

Gray's Ferry Road, below Bainbridge St.
Medical Director—Edward Shippen.
Surgeon—J. W. Coles.

U. S. LIGHTHOUSE OFFICE.

Fourth District, 6th Street below Walnut.
Commander—Captain George B. White.

U. S. NAVAL ASYLUM.

Gray's Ferry Road, below Bainbridge Street.
Captain—O. F. Stanton.
Lieut. Commander—Edward Hooker.
Paymaster—Joseph Foster.
Governor—Commodore Francis A Roe.
Governor's Secretary—Walter G. Jones.
Carpenter—Isaac Cooper.

U. S. SIGNAL OFFICE.

Observer in Charge—Sergt. T. F. Townsend. Office, 10th and Chestnut Streets.

FOREIGN CONSULS AT PHILADELPHIA.

Argentine Republic, E. Shippen, 532 Walnut.
Austria-Hungary, Lars Westergaard, 138 S. Second.
Belgium, Dr. Chas. E. Sajous, consul; 1630 Chestnut; Jules Reuleaux, consul-general, 1411 Thompson.
Brazil, John Mason, Jr., 138 S. Second.
Chili, E. Shippen, 532 Walnut.
Denmark, F. F. Myhlertz, Twenty-second and Barker.
Ecuador, E. Shippen, 532 Walnut.
France, P. De Bouteillier, 524 Walnut.
German Empire, C. H. Meyer, 227 Chestnut.
Great Britain, Robert Charles Clipperton, consul; George Crump, vice-consul, 261 S Fourth.
Greece, A. H. Lennox, 138 S. Second.
Hayti, A. H. Lennox, 138 S. Second.
Italy, Count Goffredo Galli, 261 S. Fourth.
Liberia, Edward S. Morris, 6 S. Merrick.
Mexico, Rafael Varrios, consul; J. M. Smiley, vice-consul, 112 Walnut.
Netherlands, Ears Westergaard, 138 S. Second.
Nicaragua, Henry C. Potter, 811 Market.
Norway, Lars Westergaard, 138 S. Second
Orange Free State, Chas. W. Riley, 602 Arch.
Paraguay, Francis Wells. 607 Chestnut.
Peru, George Blaese, 138 S. Second.
Portugal, John Mason, Jr., 138 S. Second.
Russia, Henry Preaut, 138 S. Second.
Spain, Antonio Diaz Mirandi, consul, 241 S. Third.
Sweden, L. Westergaard, 138 S. Second.
Switzerland, Rudolph Koradi, consul, 314 York av.; Werner Itschner, vice-consul, 712 Market.
Turkey, Henry W. Bartol, 139 S. Front.
Uruguay, Chas. W. Matthews, 133 Walnut.
Venezuela, Manual Martil-Carrion, 138 Walnut.

PENNSYLVANIA GAME LAWS.

Birds.	*Open Season.*
Wild Turkeys	Oct. 15 to Jan. 1
Ducks	Sept. 1 to May 15
Plover	July 15 to Jan. 1
Woodcock	July 4 to Jan. 1
Quail	Oct. 15 to Jan. 1
Grouse	Oct. 1 to Jan. 1
Rail and Reed	Sept. 1 to Dec. 1
Animals.	
Elk, Deer	Oct. 1 to Dec. 31
Squirrels	Sept. 1 to Jan. 1
Animals.	*Open Season.*
Hares, Rabbits	Nov. 1 to Jan. 1
Fish.	
Lake Trout	Oct. 1 to Jan. 1
Salmon and Spreckled Trout	Oct. 1 to Jan. 1
Black Bass, Pike, and Pickerel	June 1 to Jan. 1

For hunting or fishing out of these seasons, penalties ranging from $5 to $50 are imposed.

NEW JERSEY GAME LAWS.

Birds.	*Open Season.*
Quail and Pheasant	Oct. 31 to Dec. 31
Woodcock, July and from Nov. 1 to Dec. 16	
Rail	Sept. 1 to Dec. 1
Upland Plover	Aug. 1 to Jan. 1
Prairie Chicken	Oct. 15 to Dec. 1
Summer Duck	Sept. 1 to Jan. 1
Reed	Aug. 25 to Dec. 1
Animals.	
Deer	Oct. 15 to Nov. 31
Gray and Fox Squirrels	Sept. 1 to Jan. 1
Animals.	*Open Season.*
Black Squirrels	June 1 to Sept. 1
Rabbit	Oct. 1 to Dec. 31
Fish.	
Salmon and Brook Trout	Mch. 1 to Oct. 1
Black Bass	June 1 to Nov. 1
Pike and Pickerel	May 1 to March 1

Penalties ranging from $5 to $50 are imposed for hunting and fishing out of these seasons.

PHILADELPHIA VOTE BY WARDS, 1883, TOGETHER WITH COMPARISONS.

Ward.	Auditor-General.				State Treasurer.				District Attorney.		Clk. Quar. Sessions.		Coroner.		City Controller.		Governor, 1882.				President, 1880.	
	Niles, R.	Taggart, D.	Fordham, P.	Ryndler, G.	Livsey, R.	Powell, D.	Howard, P.	Marsh G.	Graham, R.	Peace, P.	Littleton, R.	Snowden, D.	Powers, R.	Hooper, D.	Jeffries, R.	Page, D. & C.	Beaver, R.	Pattison, D.	Stewart, I.	Armstrong L.	Garfield, R.	Hancock, D.
1	3945	2867	3	3	3930	2874	3	3	6584	20	3936	2876	3811	2933	3604	3200	3816	3531	228	21	4749	3952
2	1842	2644	4	1	1845	2642	4	1	4212	13	1852	2629	1800	2665	1690	2802	1892	2803	105	21	2415	3428
3	975	1683	2	1	975	1682	2	1	2480	29	1020	1636	963	1688	905	1749	1031	1937	58	15	1281	2242
4	881	1851	.....	1	985	1851	.....	10	2478	13	1060	1665	1091	1623	840	1879	956	2095	50	8	1553	2525
5	1416	1239	1	.....	1421	1239	1	.....	2105	94	1411	1255	1387	1244	1272	1378	1384	1515	50	8	2057	1751
6	579	925	.....	4	598	907	.....	4	1427	.....	621	897	635	869	546	956	619	1118	49	23	1019	1321
7	3223	1406	1	4	3201	1426	.....	4	4472	.....	3180	1497	3080	1549	2846	1808	3037	1686	387	8	4140	1945
8	1852	963	2	1	1845	968	2	1	2782	3	1789	1028	1693	1128	1406	1417	1740	1212	412	3	2532	1365
9	1136	863	4	.....	1138	860	4	.....	1907	4	1110	778	1043	956	959	1017	1067	1014	137	6	1655	1235
10	2346	1190	14	.....	2368	1170	14	.....	3440	24	2331	1211	2237	1272	1993	1549	2136	1401	430	6	3240	1688
11	646	1347	.....	.....	647	1349	1	.....	1779	3	668	1329	662	1331	591	1409	671	1591	35	12	1038	1833
12	1063	1294	3	2	1076	1287	3	2	2316	5	1121	1240	1071	1266	854	1519	987	1574	94	24	1562	1704
13	1678	1024	1	1	1683	1019	15	2	2609	9	1668	1037	1651	1043	1327	1381	1196	1390	288	23	2413	1593
14	2032	1325	24	11	2042	1318	24	11	3278	29	2009	1365	1929	1394	1691	1679	1869	1709	242	29	2896	1940
15	4528	3029	13	9	4521	3031	17	9	7145	28	4040	3076	4281	3163	3801	3733	3893	3483	737	34	5794	3998
16	1214	1656	.....	2	1214	1656	.....	2	2798	1	1205	1667	1227	1632	1091	1781	1187	1979	69	.....	1639	2053
17	1063	2079	.....	1	1075	2065	.....	1	3052	1	1059	2083	1060	2051	957	2172	1103	2334	40	.....	1442	2568
18	3316	1969	5	11	3296	1975	4	.....	5264	5	3296	1975	3235	1961	2965	2315	3145	2410	309	.....	3990	2644
19	3841	2742	5	6	3881	2717	5	6	6428	12	3882	2714	3885	2659	3538	3058	3750	3444	222	68	4562	3993
20	4359	2753	29	2	4365	2746	30	2	6906	39	4329	2792	4231	2804	3609	3499	3732	3605	568	36	5324	3773
21	1840	1186	20	1	1859	1176	20	1	2982	18	1829	1198	1737	1225	1570	1461	2009	1646	145	17	2436	1656
22	2933	1511	11	.....	2928	1517	11	.....	4352	9	2900	1528	2807	1587	2328	2114	2462	2078	653	5	3844	2335
23	2594	1226	8	1	2606	1421	9	1	3985	7	2583	1442	2575	1407	2236	1797	2486	1956	172	3	3520	2157
24	3867	2521	7	4	3863	2521	9	4	6232	13	3811	2537	3690	2607	3408	2968	3187	3439	614	21	5101	3978
25	3108	2968	18	6	3139	2953	17	7	5898	21	3140	2981	3363	2701	2855	3256	2939	3405	130	32	3505	3724
26	3466	1944	1	4	3468	1946	2	4	5299	2	3464	1939	3346	2023	3210	2169	3304	2241	188	46	3902	2758
27	2263	956	.....	.....	2270	957	.....	.....	3161	2	2253	975	2222	987	1959	1261	1935	1219	344	7	3033	1375
28	3453	2086	22	2	3465	2078	15	10	5375	53	3424	2128	3296	2128	2907	2591	3172	2417	413	20	4279	2767
29	3978	2206	17	8	3991	2192	17	7	5932	64	3962	2233	3818	2319	3283	2904	3492	2935	602	52	4904	3243
30	2947	1655	2	1	2950	1655	2	1	4524	2	2936	1672	2798	1773	2736	1870	2971	2011	166	14	3429	2443
31	3178	1594	18	2	3193	1589	20	2	4723	24	3197	1578	3249	1478	2793	1966	3120	2107	180	37	3977	2367
Totals.	75569	54902	248	89	76777	54783	252	105	126225	547	75486	55061	73843	55466	65770	64658	70875	67411	7992	672	97239	76356
	20667	Plu			21994	Plu			125678	Plu	20425	Plu	18377	Plu	1112	Plu	3464	Plu			20883	Maj

Bayne (Prohibitionist), for Clerk of the Court of Quarter Sessions, received 216 votes. Daggy (Prohibitionist), for Coroner, received 215 votes. De Walt (Prohibitionist), for City Controller, received 178 votes. Graham had no opposition.

INDUSTRIAL CENSUS OF PHILADELPHIA.

A revised census of Philadelphia industries was made in 1883, under the direction of Mr. Lorin Blodget. The number of establishments was found to be 11,482, as compared with 8,377 returned by the United States Census in 1880; and the value of the goods manufactured was found to be $471,806,076, as compared with $304,591,725 returned by the Government census. These figures place Philadelphia in the first rank of American manufacturing cities. The detailed statement of the census is as follows:

Wards.	No. of establishments.	Men.	Women.	Youths.	Totals.
1.....	231	3,618	680	538	4,836
2.....	243	1,724	683	301	2,708
3.....	143	735	162	97	994
4.....	183	2,024	186	97	2,307
5.....	451	6,236	1,637	1,156	9,029
6.....	1,603	22,830	22,453	4,376	49,659
7.....	332	1,594	1,228	531	3,354
8.....	423	4,845	2,303	728	7,876
9.....	756	10,132	5,222	1,456	16,810
10.....	473	4,632	1,809	911	7,352
11.....	399	3,868	779	475	4,122
12.....	341	2,204	291	364	2,859
13.....	257	1,607	340	212	2,159
14.....	439	4,151	924	580	5,655
15.....	544	9,756	3,232	1,682	14,670
16.....	405	4,292	741	1,119	6,152
17.....	340	2,346	1,488	401	4,235
18.....	276	6,428	1,256	807	8,491
19.....	668	9,549	6,006	2,448	18,043
20.....	543	3,212	929	555	4,696
21.....	176	2,978	1,866	1,104	5,948
22.....	318	2,646	2,153	1,111	5,910
23.....	267	3,813	1,625	1,075	6,513
24.....	192	3,303	468	326	4,097
25.....	163	4,130	890	988	6,008
26.....	191	6,212	817	1,360	8,389
27.....	176	3,264	520	698	4,482
28.....	144	3,441	1,288	636	5,365
29.....	167	1,528	115	170	1,813
30.....	148	1,434	155	331	1,920
31.....	450	5,506	3,926	1,682	11,114
Totals.	11,482	143,039	66,172	28,355	237,566
Census, 1880..	8,377	107,894	51,618	14,350	173,862
Diff..	3,105	35,145	14,554	14,005	63,704

SOME HOUSEKEEPER'S PUZZLES ANSWERED.

Unpleasant odors may be removed from vessels and utensils by rinsing them thoroughly with charcoal powder.

To remove rust from knives, forks, etc., cover with sweet oil, well rubbed on, and let it remain forty-eight hours; then rub with finely powdered unslacked lime until the rust disappears.

To prevent a lamp from smoking soak the wick in vinegar and dry it well before using.

The simplest method of sharpening light and thin-edged tools, such as razors, is to put them for half an hour in water to which has been added one-twentieth of its weight of muriatic or sulphuric acid, then lightly wipe dry and after a few hours set on a hone.

To take bruises out of furniture wet the part with warm water, double a piece of brown paper five or six times, soak it and lay it on the place; apply on that a hot flat iron until the moisture is evaporated. If the bruise be not gone repeat the operation.

To clean looking-glasses, etc., take a soft sponge, wash it well in clean water and squeeze it as dry as possible; dip it into some spirits of wine and rub over the glass; then have some powdered blue tied up in a rag, dust it over the glass and rub it lightly and quickly with a soft cloth, finishing with a silk handkerchief.

To extract grease from papered walls, dip a piece of flannel in spirits of wine, rub the greasy spot gently once or twice, and it will disappear.

To remove grease from clothing, mix equal parts of ether, amonia, and alcohol, rub into the grease spot and allow it to evaporate.

Medicine stains may be removed from silver spoons by rubbing them with a rag dipped in sulphuric acid, and washing it off with soapsuds. Stains may be removed from the hands by washing them in cold water to which a little sulphuric acid has been added; use no soap.

Brass ornaments may be cleaned by washing with roche alum boiled to a strong lye, in the porportion of an ounce to a pint. When dry it must be rubbed with fine tripoli.

LAUNDRY SECRETS.—A spoonful of oxgall to a gallon of water will set the colors of almost any goods soaked in it previous to washing. A teacup of lye in a pail of water will improve the color of black goods. Nankin should lie in lye before being washed, it sets the color. A strong tea of common hay will preserve the color of French linen. Vinegar in the rinsing water for pink or green calicoes will brighten them; soda answers the same end for both purple and blue. To bleach cotton cloth take one large spoonful of sal-soda and one pound of chloride of lime for thirty yards; dissolve in clean soft water; rinse the cloth thoroughly in cold soft water so that it may not rot; that amount of cloth may be bleached in fourteen to fifteen minutes.

TO RESTORE RANCID BUTTER.—Use one pint of water to each pound of butter, previously adding twenty grains of chloride of lime to each pint of water. Wash the butter well in this mixture, rewash in cold water, and salt to taste.

NEW JERSEY.

Governor—Leon Abbett.
Secretary of State—Henry C. Kelsey.
Assistant Secretary of State—J. D. Hall.
Attorney-General—John P. Stockton.
Treasurer—George M. Wright.
Comptroller—E. J. Anderson.
Clerk in Chancery—Geo. S. Duryea.
Clerk of the Supreme Court—Benjamin F. Lee.
Commissioners of Sinking Fund—Jos. L. Bodine, James Wilson.
Law Reporter—G. D. W. Vroom.
Chancery Reporter—John H. Stuart.
Major-General—Gershom Mott.
Quartermaster-General—Lewis Perrine.
Adjutant-General—Wm. S. Stryker.
Chief Clerk Supreme Court—Alfred Lawshe.
Chancellor—Theodore Runyon.
Vice-Chancellors — Abram V. Van Fleet, John T. Bird.
Chief Justice—Mercer Beasley.

Associate Justices of the Supreme Court—William J. Magie, David A. Depue, Jonathan Dixon, M. M. Knapp, Alfred Reed, Edward W. Scudder, Bennett Vansyckel, Joel Parker.
Lay Judges of Court of Errors and Appeals—John Clement, Wm. Paterson, Caleb S. Green, Jonathan S. Whitaker, Martin Cole, Wm. H. Kirk.
State Librarian—Jas. S. McDanolds.
State Superintendent Public Instruction—Ellis A. Apgar.
Keeper of State Prison—P. H. Laverty.
Supervisor of State Prison—Charles B. Moore.
State Geologist—George H. Cook.
Commissioner of Railroad Taxation—Abram M. Reynolds.
Chief of the Bureau of Statistics—James Bishop.
Trustees of the School Fund—Governor, Secretary of State, President of the Senate, Speaker of Assembly, Attorney-General, and Comptroller.

THE LEGISLATURE.

SENATE.	Term Expires
ATLANTIC—John J. Gardner, *R*.....	1887
BERGEN—Ezra Miller, *D*.....	1887
BURLINGTON—Hezekia B. Smith, *D*....	1886
CAMDEN—Albert Merritt, *R*.....	1885
CAPE MAY—Waters B. Miller, *D*	1886
CUMBERLAND—Isaac T. Nichols, *R*.....	1887
ESSEX—William Stainsby, *R*.....	1885
GLOUCESTER—S. L. Pancoast, *R*.....	1885
HUDSON—William Brinkerhoff, *D*.....	1887
HUNTERDON—John Carpenter, Jr., *D*..	1886
MERCER—George O. Vanderbilt, *D* ...	1887
MIDDLESEX—Abraham B. Schenck, *R*.	1886
MONMOUTH—John S. Applegate, *R*....	1885
MORRIS—James C. Youngblood, *R*....	1887
OCEAN—George T. Cranmer, *R*.....	1887
PASSAIC—John W. Griggs, *R*.....	1886
SALEM—George Hires, *R*.....	1885
SOMERSET—Eugene S. Doughty, *D*....	1885
SUSSEX—Lewis Cochron, *D*.....	1886
UNION—Benjamin A. Vail, *R*.....	1885
WARREN—George H. Beatty, *D*.....	1885

Republicans, 12; Democrats, 9.

ASSEMBLY.

ATLANTIC—Edward R. North, *R*.
BERGEN—P. R. Wortendyke, *D*.; J. W. Doremus, *D*.
BURLINGTON—Theo. Budd, *D*.; Stacy H. Scott, *D*.; T. J. Alcott, *R*.
CAMDEN—E. A. Armstrong, *R*.; J. W. Branning, *D*.; C. Stafford, *R*.
CAPE MAY—J. D. Ludlam, *D*.
CUMBERLAND—John G. Lupton, *R*.; James R. Campbell, *R*.
ESSEX—G. B. Harrison, *R*.; D. A. Bell, *R*.; A. Q. Keasbey, *R*.; H. Lehlbach, *R*.; R. Burgess, *R*.; F. S. Fish, *R*.; W. E. O'Connor, *D*.; Chas. Holzwarth, *R*.; J. L. Armitage, *D*.; W. Harrigan, *D*.
GLOUCESTER—Job S. Haines, *R*.
HUDSON—C. S. See, *R*.; Jos. T. Kelly, *D*.; S. T. Dickinson, *R*.; E. O. Chapman, *D*.; F. O. Cole, *R*.; J. C. Clarke, *D*.; D. McLaughlin, *D*.; M. O'Donnell, *D*.; Martin Steljis, *D*.; A. A. Rich, *D*.
HUNTERDON—John V. Robbins, *D*.; W. H. Lake, *D*.
MERCER—A. J. Rue, *R*.; J. H. Applegate, *R*.; John Caminade, *D*.
MIDDLESEX—E. S. Savage, *D*.; W. R. Jernee, *D*.; Robert Carson, *R*.
MONMOUTH—Chas. H. Bond, *D*.; Thos. G. Chattle, *D*.; Alfred B. Stoney, *D*.
MORRIS—Geo. W. Jenkins, *R*.; Amzi Weaver, *R*.; Jas. H. Neighbor, *D*.
OCEAN—A. W. Irons, *D*.
PASSAIC—C. W. Mills, *R*.; Wm. Prall, *D*.; C. A. Cadmus, *D*.; Thos. Flynn, *D*.
SALEM—Henry Combs, *R*.
SOMERSET—C. S. Hoffman, *R*.
SUSSEX—W. E. Ross, *D*.
UNION—D. C. Hough, *D*.; E. J. Byrnes, *D*.; A. T. Woodruff, *R*.
WARREN—S. C. Larison, *D*.; Isaac Wildrick, *D*.

Democrats 34; Republicans, 26; Democratic majority on joint ballot, 5.

CAMDEN CITY GOVERNMENT.

Mayor, Claudius W. Bradshaw.
Recorder, Benjamin M. Braker.
Receiver of Taxes, William H. Rightmire.
City Treasurer, Richard F. Smith.
City Solicitor, James E. Hays.
City Clerk, Richard C. Thompson.
Supervisor of Highways, William H. Shearman.
Superintendent of Water Department, Henry Stetzer.
Clerk, Frederick W. Tarr.
City Surveyor, John S. Schultz.
Chief of Police, Josiah Matlack.
Chief Engineer Fire Department, Daniel S. Carter.
Sealer of Weights and Measures, Josiah D. Watson.

THE AMERICAN TURF.

TROTTING IN HARNESS.

1 mile, 2.10¼.—Maud S., ch. m., by Harold, by Rysdyk's Hambletonian, dam Miss Russel by Pilot, Jr. Rochester, N.Y., August 11, 1881. ¼ mile, 30¾ secs.; ½ mile, 1.02; ¾ mile, 1.36. All made by Maud S., at Chicago, Ill., September 18, 1880.

1 mile over a half mile track, 2.16. Rarus, b.g., sires pedigree unknown; dam, Nancy Awful, by Telegraph. Toledo, O., July 20, 1878.

1 mile, in a race with other horses. 2.13½. Maud S. (third heat), Chicago, Ill., July 24, 1880.

1 mile by a stallion, 2.15¼.—Smuggler, bay, by Blanco, by Iron's Cadmus; dam by Herod's Tuckahoe. Hartford, Ct., August 31, 1876.

1 mile by a mare, 2.10¼. Maud S. Rochester, N.Y., August 11, 1881.

1 mile by a gelding, 2.10¾.—Jay-Eye-See, black, by Dictator; dam, Midnight, by Pilot, Jr. Narragansett Park., Providence, R. I., September 15, 1883.

Fastest three consecutive heats, 2.12.; 2.-13¼; 2.12½.—Maud S., Belmont Park, Pa., July 28, 1881.

Fastest three consecutive heats in a race with other horses, 2.14¾, 2.16, 2.17¼. —Clingstone, b.g. by Rysdyk, son of Rysdyk's Hambletonian. Buffalo, N.Y., August 4, 1882.

Fastest two consecutive heats (second and third), 2.11¼, 2.11.—Maud S., Chicago, Ill., July 23, 1881.

2 miles (private trial), 4.45¾.—Convoy, g.g. by Woodford Mambrino, dam, Vanity Fair, by Alexander's Abdallah. New York Gentleman's Driving Park, August 19, 1881.

2 miles, 4.46.—Monroe Chief, b.s., by Jim Monroe, son of Alexander's Abdallah, dam Madam Powell, by Bay Chief. Lexington, Ky., October 21, 1882.

Two mile heat race, won by Post Boy, (second and fourth heats], 4.52½, 4.-52½, 4.56¼, 4.56. Cleveland, O., July 28, 1881.

3 miles (private trial), 7.05¼. Steve Maxwell, gr. g. Fleetwood Park, November 18, 1880.

3 miles, 7.21¼. B. m. Huntress, by Volunteer; dam by American Star. Prospect Park, Brooklyn, September 23, 1872.

4 miles, 11.06. Trustee. Union Course, L. I., June 13, 1849.

5 miles, 13.00. Lady Mack. San Francisco, Cal., April 2, 1874.

10 miles, 27.23¼. Controller. San Francisco, Cal., November 23, 1878.

12 miles, 38.00. Topgallant. Philadelphia, Pa., 1830.

15 miles, 47.20. Girda. San Francisco, Cal., August 6, 1874.

20 miles. 58.25. Capt. McGowan. Riverside Course, Boston, 1865.

50 miles, 3.55, 40½. Ariel. Albany, N.Y., 1846.

100 miles. 8.55, 53. Conqueror. Long Island, November 12, 1853.

STALLION RACES.

2.16½. 2.18½, 2.19, 2.20, 2.18¼, 2.19¼—Won by Black Cloud, by Ashland Chief, in second fifth and sixth heats; third and fourth dead heats. Buffalo, N.Y., August 3 and 4, 1882.

2.18, 2.17½. 2.18½, 2.17¼, 2.19½, 2.21—Won by Piedmont, chestnut, by Almont, fourth, fifth, and sixth heats. Chicago, Ill., July 19, 1881.

2.17¾, 2.20¼, 2.18, 2.19—Won by Santa Claus, brown, by Strathmore, first, third, and fourth heats. Beacon Park, Boston, Mass., September 15, 1881.

TROTTING TO WAGON.

1 mile, 2 16½. Hopeful. g. g. by Godfrey's Patchen; dam by the Budham horse. Chicago, Ill., October 12, 1878.

1 mile, 2.17¾ (private trial). Lucy Cuyler, b. m. by Cuyler, he by Rysdyk's Hambletonian, Tarrytown, N. Y., August 12, 1882.

Fastest three consecutive heats—2.16½, 2.17, 2.17, Hopeful. Chicago, Ill., October 12, 1878.

2 miles, (first heat) 4.56¼. Blk. g. General Butler, by Smith Burr, son of Napoleon. Long Island, 1863.

2 miles (second heat) 4.56½. Br. g. Dexter, by Rysdyk's Hambletonian; dam Clara, by Seeley's American Star. Long Island, October 27, 1865.

3 miles 7.53. Longfellow. Sacramento, Cal., September 21, 1863.

4 miles 10.34½. Longfellow. California, December 31, 1869.

5 miles 13.43½. Little Mac. Fashion Course, L. I., October 29, 1863.

10 miles 29.10¾. Princess, by Andrus' Hambletonian. 1859.

20 miles 58.57. Controller. San Francisco, Cal., April 20, 1878.

50 miles 3.59 04. Spangle. October 15, 1855.

DOUBLE TEAM TROTTING.

1 mile, 2.15½. Maud S. and Aldine, driven by W. H. Vanderbilt, the owner. New York Gentleman's Driving Park, June 15, 1883. First quarter, 32¾ secs; half, 1.05½; three quarters, 1.41.

1 mile, 2.16¼. Cleora and Independence, owned by William Rockafeller, driven by J. P. Gilbert. Hartford, Conn., August 25, 1883.

1 mile, 2.16¾. Edward and Dick Swiveller, owned by Frank Work, driven by John Murphy. New York Gentleman's Driving Park, July 13, 1882.

1 mile, 2.18¼. Clingstone and Midnight, owned by W. J. Gordon and J. D. Rockefeller. Cleveland, O., Oct. 10, 1883.

1 mile, 2.22. Mill Boy and Blondine, driven by John Sheppard, the owner. Beacon Park, Boston, Mass., September 23, 1881.

TROTTING WITH RUNNING MATE.

1 mile, 2.08½. Frank, b.g. by Abraham, (son of Daniel Lambert), J. O. Nay as mate, driven by John Murphy. Prospect Park, Brooklyn, N. Y., November 15, 1883.

1 mile, 2.10¼. H. B. Winship, blk. g. by Aristos, dam by Colonel Moulton; Hiram Bruce as mate, driven by J. Golden. Prospect Park, L. I., Nov. 15, 1883; also 2.10¾, same team and driver, Narragansett Park, Providence, R. I., November 1, 1883.

1 mile, 2.11. Yellow Dock, ch. m. (formerly Mohawk Maid), by Clark's Mohawk. Narragansett Park, Providence, R. I., November 3, 1882.

The best record to harness of these horses at the time of these performances was as follows: Frank, 2.23¾; H. B. Winship, 2.20½; Yellow Dock, 2.20¾.

FOUR-IN-HAND TROTTING.

1 mile, 2.40—(Second heat.) Fanchon, Carrie Berrihill, Sailor Boy, and Lotta, property of W. J. Gordon of Cleveland, Ohio. Cleveland, September 7, 1882.

TROTTING UNDER SADDLE.

1 mile, 2.15¾—Br. g. Great Eastern, by Walkill Chief, by Rysdyk's Hambletonian. Fleetwood Park, N. Y., September 22, 1877.

2 miles, 5.00¾—Br. g. Dexter, by Rysdyk's Hambletonian. Long Island, 1865.

3 miles, 7.32½—Dutchman. August, 1839.

4 miles, 10.51—Dutchman. 1836.

TROTTING RECORDS OF 2.20 AND UNDER.

Maud S.	2.10¼	Dick Swiveller	2.18	Moose	2.19½
Jay-Eye-See	2.10¾	Kate Sprague	2.18	Troubadour	2.19½
St. Julien	2.11¼	Lady Thorne	2.18¼	Von Arnim	2.19½
Rarus	2.13¼	Lady Maude	2.18¼	Hinda Rose	2.19½
Goldsmith Maid	2.14	Midnight	2.18¼	Romero	2.19½
Clingstone	2.14	Lucy	2.18¼	Modoc	2.19½
Trinket	2.14	Monroe Chief	2.18¼	Tony Newell	2.19½
Hopeful	2.14¾	Pickard	2.18¼	Tucker	2.19½
Lulu	2.15	Rosa Wilkes	2.18¼	Abbottsford	2.19½
Smuggler	2.15¼	J. B Thomas	2.18¼	Forrest Patchen	2.19½
Phallas	2.15½	Slow Go	2.18½	Nellie R	2.19½
Hattie Woodward	2.15½	Colonel Lewis	2.18½	Adelaide	2.19¾
Wilson	2.16¼	William H	2.18½	Flora Temple	2.19¾
Derby	2.16¼	Nutwood	2.18¾	Camors	2.19¾
Lucille Golddust	2.16¼	Patchen	2.18¾	Deck Wright	2.19¾
American Girl	2.16½	Cleora	2.18¾	Keene Jim	2.19¾
Edwin Thorn	2.16½	Bonita	2.18¾	Daisy Dale	2.19¾
Jerome Eddy	2.16½	Albemarle	2.19	John S. Clark	2.19¾
Occident	2.16¾	Edward	2.19	Josephus	2.19¾
Charley Ford	2.16¾	Cozette	2.19	Dr. Norman	2.19¾
Gloster	2.17	Bonesetter	2.19	Fleety Golddust	2.20
Fannie Witherspoon	2.17	Alley	2.19	Little Fred	2.20
Majolica	2.17	Kitty Bates	2.19	Nancy Hackett	2.20
Clemmie G	2.17	Wedgewood	2.19	Mambrino Gift	2.20
Director	2.17	Alexander	2.19	May Queen	2.20
Dexter	2.17¼	Adele Gould	2.19	Prospero	2.20
So-So	2.17¼	MinnieR	2.19	Graves	2.20
Piedmont	2.17¼	Catchfly	2.19	John H	2.20
Black Cloud	2.17¼	Joe Bunker	2.19¼	Etta Jones	2.20
Santa Claus	2.17½	Croxie	2.19¼	Belle Brassfield	2.20
Phyllis	2.17½	Thomas L. Young	2.19¼	Frank	2.20
Robert MacGregor	2.17½	Bodine	2.19¼	Orange Girl	2.20
Hannis	2.17¾	George Palmer	2.19¼	Captain Emmons	2.20
Du Quesne	2.17¾	Comee	2.19¼	Elaine	2.20
Proteine	2.18	Parana	2.19¼	Annie W	2.20
Judge Fullerton	2.18	Will Cody	2.19¼	Humboldt	2.20
Nettie	2.18	Aldine	2.19¼	Big Soap	2.20
Red Cloud	2.18	Overman	2.19¼	George V	2.20
Great Eastern	2.18	Sleepy Joe	2.19¼	Bay Frank	2.20
Edwin Forrest	2.18	Driver	2.19½	Maud Messenger	2.20

BEST TIME AT ALL AGES.

Age.	Sex and color.	Name.	Sire.	Record.	Time.
1....	Br. f.....	Hinda Rose.....	Electioneer.....	2.36½	1881
2....	Br. f.....	Wildflower	Electioneer.....	2 21	1881
3....	Br. f.....	Hinda Rose.....	Electioneer.....	2.19½	1883
4 ...	Br. f..	Bonita.....	Electioneer.....	2.18¾	1883
5....	Blk. g.....	Jay-Eye-See.....	Dictator	2.10¾	1883
6....	Ch. m.....	Maud S.....	Harold	2.10¾	1880
7....	Ch. m... ..	Maud S	Harold	2.10¼	1881
8 ...	B. m.....	Hattie Woodward.....	Aberdeen.....	2.15½	1880
9....	Ch g.....	Edwin Thorne.....	Thornedale.....	2.16½	1882
10....	B. g.....	St. Julien.....	Volunteer.....	2.12¾	1879
11 ...	B. g.....	St. Julien.....	Volunteer.....	2.11¼	1880
12....	B. g	Rarus.....	Sire's pedigree unknown..	2.13¼	1879
13 ...	B. m	American Girl.....	Amos' C. M. Clay.....	2.16½	1874
14....	Gr. g.....	Hopeful	Godfrey's Patchen	2.15½	1880
15 ...	B. m.....	Goldsmith Maid.....	Alex. Abdallah.....	2.16¾	1872
16....	B. m.....	Goldsmith Maid.....	Alex. Abdallah.....	2.17½	1873
17....	B. m.....	Goldsmith Maid.	Alex. Abdallah.....	2 14	1874
18....	B. m.....	Goldsmith Maid.....	Alex. Abdallah.....	2.16	1875
19....	B. m.....	Goldsmith Maid.....	Alex. Abdallah.....	2.14	1876
20....	B. m.....	Goldsmith Maid.....	Alex. Abdallah.....	2.14½	1877

RECORD AT DIFFERENT PERIODS.

1820.....	3.00	1878....Rarus...	2.13¼
1830.....	2.40	1879....St. Julien.....	2.12¾
1840. ..Dutchman.....	2.28	1880....Maud S.....	2.10¾
1850....Lady Suffolk.....	2 26	1881... Maud S.....	2.10¼
1860....Flora Temple.....	2.19¾	1882....Clingstone.....	2.14
1870....Dexter...	2.17¼	1883....Jay Eye See.....	2.10¾
1876....Goldsmith Maid.....	2.14		

PACING IN HARNESS.

1 mile, 2.10.—Johnston, b. g. by Bashaw Golddust, dam by Ned Forest. Chicago Driving Park, October 9, 1883.

1 mile, 2.11¾.—Little Brown Jug, br., g. Hartford, Conn. August 24, 1881.

1 mile in a race with other horses, 2.12¼. Sleepy Tom. Chicago, Ill.. July 25, 1879.

1 mile, two and three consecutive heats, 2.11¾, 2.11¾ 2.12½. Little Brown Jug Hartford Conn. August 24, 1881.

2 miles, 4.53½.—Defiance, b. g., 1871.

3 miles, 7.44.—James K. Polk, ch.g. Centreville Course, L. I., September 13, 1847.

PACING UNDER SADDLE.

1 mile, 2.14¼.—B. g. Billy Boyce, by Corbeau. August 1, 1868.

2 miles, 4.57¼.—Ch. g. James K. Polk and r.g. Roanoake, by Old Pilot. Philadelphia, June 30, 1850.

3 miles, 7.44.—Oneida Chief. Beacon Course, Hoboken, N. J., August 15, 1843.

PACING TO WAGON.

1 mile, 2.16½.—Sixth heat. Gr.g. Sweetzer, Buffalo, N. Y., August 2, 1878.

2 miles, 4.58½.—Br.g. Young America, by Vermont Black Hawk.

DOUBLE TEAM PACING.

1 mile, 2.19.—Richball, b g. by King Faro and Westmont, ch.g. by Almont, driven by J. S. Campbell, Narragansett Park. Providence, R. I., September 11, 1883.

PACING RECORDS OF 2.20 AND UNDER.

Johnston.....	2.10	Mattie Hunter.....	2.13¾
Little Brown Jug.....	2.11¾	Rowdy Boy	2.13¾
Sleepy Tom.....	2.12¼	Gem	2 13¾
Buffalo Girl.....	2.12½	Flora Belle.....	2.13¾
Richball.....	2.12½	Fuller	2.13¾

Lucy.....2.14
Sorrel Dan.....2.14
Bay Billy.....2.14
Sleepy George.....2.15
Sweetzer.....2.15
Westmont.....2.15½
Ben Hamilton.....2.16¼
Yankee Sam.....2.16½
Billy S.....2.16¾
Jim Brown.....2.17½
Eddie D.....2.17½
Defiance.....2.17¾
Joe Bowers.....2.18
Dan Rice (saddle).....2.18¼
Limber Jack.....2.18½
Pet.....2.18½
Lone Jack.....2.19
Billy Boyce (saddle, 2.14¼).....2.19
Prussian Maid.....2.19
Hoosier Dick.....2.19
Copper Bottom.....2.19
Longfellow.....2.19¼
Princess.....2.19¼
Change.....2.19½
Dan Voorhees.....2.19½
Hoosier Tom.....2.19½
Nimrod.....2.19¾
Ben Butler.....2.19¾
Harry.....2.19¾
Pocahontas (wagon, 2.17¼).....2.20
Lady St. Clair.....2.20
Washington.....2.20
Albany Boy.....2.20
Billy Mayo.....2.20
Bay Sallie (Sallie Morris).....2.20
Sorrel Billy.....2.20
Clinker.....2.20

PACING RECORD AT DIFFERENT PERIODS.

1845.....2.23
1850.....2.23
1860.....2.25½
1870.....2.16½
1879.....2.12¼
1880.....2.14
1881.....2.11¾
1882.....2.12½
1883.....2.10

RUNNING.

½ mile, 47¾ sec.—Olitipa, by imp. Leamington, 2 years old 97 pounds. Saratoga, July 25, 1874

¾ miles, (straight), 1.13.—Force blk.h. 5 years old, by Roxbury—Nora Worth, 121 pounds. Louisville, Ky., September 24, 1883: 1.14, Barrett, b.c., 2 years old, by imp Bonnie Scotland—Sue Walton by Jack Malone, 115 pounds, Monmouth Park, N. J., August 17, 1880: also Knight Templer, ch.g. 3 years old, by Fellowcraft—Emma Johnson, 77 pounds. Sheepshead Bay Course, September 18, 1880, and Monarch, ch.g., 3 years old, by Monarchist—Kith, 91 pounds. Saratoga, N. Y., August 22, 1882.

1 mile, 1.39¾.—Ten Broeck, b.h., 5 years, by imp. Phaeton—Fanny Holton, 110 pounds. Louisville, Ky., May 24, 1877.

1 mile against other horses, 1.40½.—Boardman, b.g., 4 years old, by Bonnie Scotland—Woobine, 91 pounds. Sheepshead Bay Course, September 21, 1880.

1¼ miles, 2.07¾.—Getaway, b.c., 3 years old, by Enquirer—Colossus, Saratoga, N. Y., August 4, 1881.

1½ miles, 2.34.—Luke Blackburn, b.c., 3 years old, by Bonnie Scotland, 102 pounds, Monmouth Park, N. Y., August 17, 1880.

1¾ miles, 3.01.—Glidelia, ch.m., 5 years old, by Bonnie Scotland—Waltz, 116 pounds. Saratoga, N. Y., August 5, 1882.

2 miles, 3 27½.—Ten Broeck, b.h., 5 years old, by imp Phaeton—Fanny Holton, 110 pounds. Louisville, Ky., May 29, 1877.

2¼ miles, 3.55.—Duchess of Norfolk, b.f., 3 years old, by Norfolk—Marian, 93 pounds. Bay District Course, Cal., April 27, 1882.

2½ miles, 4.27½.—Aristides, 4 years old, by imp Leamington, 108 pounds. Lexington, Ky., May 13, 1876.

3 miles, 5.25.—Lida Stanhope, ch.f., 4 years old, Waverley—Ada Cheatham, 100 pounds. Saratoga, N. Y., August 26, 1882.

4 miles, 7.15¾.—Ten Broeck, 4 years old, 101 pounds. Louisville, Ky., September 27, 1876.

1 mile over hurdles, (two heats,) 1.52, 1.52.—Judith, 4 years old, by Glenelg—Madame Dudley, 143 pounds. Prospect Park, Brooklyn, N. Y., September 11, 1879.

1¼ miles over five hurdles, 2.16.—Jim McGowan, 4 years old, by War Dance—Solferino, 127 pounds. Brighton Beach, N. Y. November 9, 1882.

2 miles over hurdles, 3.48¼ (fastest for weight.)—Ventilator, ch.h. 5 years old, by Vandal—Caroline, 135 pounds. Sheepshead Bay Course, June 24, 1880.

2½ miles Steeplechase, 4.13.—Deadhead aged, by Julius, 158 pounds. Jerome Park, June 18, 1877.

Steeplechase, full course, 5.20.—Postguard, ch h, aged, by imp Glenelg—La Poka, 140 pounds. Saratoga, N. Y., Augugt 14, 1882.

WINNERS OF THE AMERICAN DERBY.

Run at Louisville, Ky. One Mile and a Half.

1875—Aristides, by Leamington.....2.37¾
1876—Vagrant, by Virgil.....2.38¼
1877—Baden-Baden, by Australian.....2.38
1878—Day Star, by Star Davis.....2.37¼
1879—Lord Murphy, by Pat Malloy.....2.37
1880—Fonso, by King Alfonso.....2.37½
1881—Hindoo, by Virgil.....2.40
1882—Apollo, by Lever.....2.40¼
1883—Leonatus, by Longfellow.....2.43

English Derby first run at Epsom in 1780

BASE-BALL.

NATIONAL LEAGUE.—Organized February 2, 1876. The championship was won by the Chicago in 1876, 1880, 1881 and 1882; by the Boston in 1877, 1878 and 1883; and by the Providence in 1879. The following was the standing of the clubs at the close of the season of 1883:

CLUBS.	Boston.	Chicago.	Providence	Cleveland.	Buffalo.	New York.	Detroit.	Philadelphia.	Won.	Lost.	Not played.
Boston	..	7	8	10	7	7	10	14	63	35	0
Chicago	7	..	7	6	9	9	9	12	59	39	0
Providence	6	7	..	6	7	9	12	11	58	40	0
Cleveland	4	8	8	..	7	7	9	12	55	42	1
Buffalo	7	5	7	7	..	8	9	9	52	45	1
New York	7	5	5	6	5	..	6	12	46	50	2
Detroit	4	5	2	5	5	8	..	11	40	58	0
Philadelphia	0	2	3	2	5	2	3	..	17	81	0

OFFICIAL CLUB RECORDS IN BATTING.

CLUBS.	Games played.	Games won.	Times at bat.	Runs scored.	Average per game	Runs earned.	Average per game	First base hits.	Percentage.	Total bases.	Average per game
Boston	98	63	3,657	668	6.81	310	3.16	1,010	.276	1,481	15.11
Chicago	98	59	3,658	680	6.93	286	2.91	1,000	.273	1,420	14.48
Providence	98	58	3,685	634	6.47	265	2.70	1,001	.271	1,357	13.84
Cleveland	97	55	3,373	464	4.78	164	1.69	830	.246	1,081	11.14
Buffalo	97	52	3,690	603	6.21	270	2.78	1,044	.282	1,346	13.87
New York	96	46	3,476	527	5.49	200	2.08	892	.256	1,220	12.70
Detroit	98	40	3,603	498	5.08	172	1.75	892	.247	1,163	11.86
Philadelphia	98	17	3,541	439	4.47	157	1.60	852	.240	1,116	11.39
Totals	780	390	28,683	4,513	5.78	1,824	2.33	7,519	.262	10,184	13.05

OFFICIAL CLUB RECORDS IN FIELDING.

CLUBS.	Number put out.	Times assisting.	Fielding errors.	Passed balls and wild pitches.	Total chances.	Percentage of chances accepted.
Boston	2,581	1,610	491	223	4,905	.852
Chicago	2,570	1,592	665	148	4,975	.836
Providence	2,602	1,445	526	158	4,731	.855
Cleveland	2,579	1,512	608	140	4,839	.845
Buffalo	2,584	1,514	542	169	4,809	.852
New York	2,517	1,296	629	177	4,619	.825
Detroit	2,589	1,443	630	118	4,780	.843
Philadelphia	2,567	1,393	740	187	4,887	.810
Totals	20,589	11,805	4,831	1,320	38,545	.844

AMERICAN ASSOCIATION.—Organized November 2, 1881. The championship was won by the Cincinnati in 1882; Eclipse, of Louisville, in second position; Athletic, of Philadelphia, third; Allegheny, of Pittsburg, fourth; St. Louis, fifth; and Baltimore, sixth. The Athletic won the championship of the season of 1883, with the other clubs positioned as follows:

CLUBS.	Athletic.	St. Louis.	Cincinnati.	Metropolitan.	Eclipse.	Columbus.	Allegheny.	Baltimore.	Won.	Lost.	Not played.
Athletic	..	9	5	9	7	13	12	11	66	32	0
St. Louis	5	..	6	11	8	11	12	12	65	33	0
Cincinnati	9	8	.	4	10	11	8	11	61	37	0
Metropolitan	5	3	10	..	6	11	9	10	54	42	2
Eclipse	7	6	4	7	..	9	11	8	52	45	1
Columbus	1	3	3	3	5	..	10	7	32	65	1
Allegheny	2	2	6	5	3	4	..	9	31	67	0
Baltimore	3	2	3	3	6	6	5	..	28	68	2

OFFICIAL CLUB RECORDS IN BATTING.

Rank.	CLUBS.	Number of games.	Times at bat.	Runs.	Number of B. H.	Per cent, B. H. to A. B.
1	Athletic	98	3,706	720	1,011	.272
2	Cincinnati	98	3,673	662	974	.265
3	St. Louis	98	3,501	546	908	.259
4*	Eclipse	98	3,561	567	913	.256
5*	Metropolitan	97	3,509	496	882	.251
6	Baltimore	96	3,525	471	884	.251
7	Allegheny	98	3,591	524	887	.247
8	Columbus	97	3,550	476	859	.242
	Totals	..	28,616	4,462	7,318	.255

* Include one tie game.

OFFICIAL CLUB RECORDS IN FIELDING.

Rank.	CLUBS.	Number of games.	Put out.	Number of times assisted.	Errors.	Total chances offered.	Per cent of chances accepted.
1	St. Louis	98	2,636	1,274	401	4,311	.907
2	Cincinnati	98	2,593	1,114	386	4,093	.906
3*	Metropolitan	97	2,613	1,133	462	4,208	.891
4*	Eclipse	98	2,622	1,184	490	4,296	.886
5	Allegheny	98	2,559	1,319	516	4,430	.884
6	Athletic	98	2,613	1,185	534	4,332	.877
7	Columbus	97	2,525	1,235	540	4,300	.875
8	Baltimore	96	2,529	1,212	641	4,382	.852
	Totals	..	20,726	9,656	3,970	34,352	.885

* Include one tie game.

The Philadelphia Club won five of the nine games played with the Athletic in 1883. The April series of six games resulted in a tie, Philadelphia winning the first three and the Athletic the last three. The Athletic won the first October game 13 to 3, and lost the next two, 8 to 4 and 8 to 3, and then disbanded. The April games in favor of Philadelphia were 6 to 1, 8 to 1, and 3 to 1, and those in favor of Athletic, 10 to 2, 10 to 2, and 9 to 4.

The longest Base-ball game was played between the Harvard College nine and Manchester (professional) Club; 24 innings, score 0 to 0. Boston, Mass., May 11, 1877; Eclipse of Louisville against Akron of Akron, O. (prof.) 19 innings, score 2 to 2, Louisville, Ky., June 26, 1881; Providence vs Detroit (League), 18 innings, won by Providence, score 1 to 0, Providence, R. I., August 17, 1882. Throwing regulation ball, 133 yards 1 foot 7½ in., John Hatfield, of Mutual Club, N. Y., in Brooklyn, October 15, 1872. Running bases, 120 yards, said to have been accomplished in 14 seconds, by Gore, of the Chicago Club, in a competition against time, San Francisco, Cal., November 9, 1879.

INTERSTATE ASSOCIATION, organized in the fall of 1882.—The championship of the season of 1883 was won by the Brooklyn Club. The Merritt Club of Camden, N. J., disbanded July 21, for financial reasons, when it had an insurmountable lead for the championship. At the close of the season its percentage of games won was still the best in the Association, but the club, of course, had no place in the championship struggle. The standing was as follows:

CLUBS.	Merritt.	Brooklyn.	Harrisburg.	Active.	Trenton.	Anthracite.	Quickstep.	Games won.	Per cent, won.
Merritt	..	4	5	3	4	6	5	27	.771
Brooklyn	1	..	9	5	8	11	10	44	.611
Harrisburg	1	5	..	11	7	9	10	43	.581
Active	2	6	5	..	8	11	5	37	.536
Trenton	2	4	7	3	..	9	10	35	.492
Anthracite	0	5	3	1	6	..	10	25	.333
Quickstep	2	4	2	9	3	4	.	24	.324
Games Lost	8	28	31	32	36	50	50	..	....

NORTHWESTERN LEAGUE, organized October 27, 1882.—The championship of the season of 1883 was won by the Toledo Club, as follows:

CLUBS.	Games won.	Games lost.	Runs made.	Runs by Opponents.
Toledo	56	28	615	429
Saginaw	54	30	575	451
Peoria	49	35	555	457
Grand Rapids	48	36	608	528
Springfield	37	47	463	553
Bay City	35	49	437	502
Fort Wayne	34	50	452	593
Quincy	23	61	461	653
Totals	336	336	4166	4166

CRICKET.

The following table gives the first eleven matches played by Philadelphia clubs in 1883 and the average runs made per wicket;

Clubs.	Matches played.	Won.	Lost.	Drawn.
Young America.	8	8	0	0
Belmont.....	10	7	1	2
Girard	9	5	2	2
Germantown....	8	8	4	1
Merion	12	6	6	0
Oxford.....	7	1	6	0
Haverford Coll..	8	3	5	0
Univer. of Penn.	3	2	1	0

Clubs.	Total runs.	Wickets lost.	Av'ge runs per Wicket
Young America..	1664	121	13 67
Belmont.....	1672	117	14.29
Girard	1451	122	11.89
Germantown	1570	133	11.80
Merion.....	1927	174	11.07
Oxford.....	575	117	4.91
Haverford Col'ge	775	120	6.46
University of Pa.	359	30	11.97
OPPONENTS.			
Young America..	1006	129	7.79
Belmont.....	1898	166	11.43
Girard.....	822	118	6.96
Germantown.....	1531	125	12.25
Merion.....	1521	175	8.69
Oxford	1092	77	14.18
Haverford Col'ge	1074	118	9.10
University of Pa.	445	58	7.67

Largest totals for an inning, 920, made by Orleans Club against Rickling Green, Eng., August, 1882. 794 (for 8 wickets), Royal Engineers, Chatham, England, 1875. 708 for 4 wickets, Emmanuel elevens, England, 1881. 357 for 5 wickets, largest ever made in United States, July 1, 1880. 402 in Canada, Montreal vs. Ottawa, won by Montreal, July 1, 1880. Largest individual scores: 415, not out, W. N. Roe. England, July, 1881. 404, not out, E. F. S. Tylecote, Eng., 1858. 400, not out, W. G. Grace, Eng., 1876. 250, not out, T. Horan, Australia, 1879. 180, not out, Geo. M. Newhall, of Young America Club, Philadelphia, against Baltimore, July 1, 1880. 204, A. Browning, Montreal Club, in a game at Ottawa, Canada, July 1, 1880. Bowling average, 20 wickets for 59 runs, E. Peate, Shaw's 11 against U. S. 18, at Philadelphia, 1881. Throwing regulation ball, 132 yards, Mr. Forbes, England, 1876. 119 yards, G. J. Bonner, Eng., 1882.

PRINCIPAL MATCHES BETWEEN ENGLAND, AUSTRALIA, AND UNITED STATES.

	Innings. 1st.	2d.	*Innings.* 1st.	2d.
1859—Parr's 11 vs. 22, at Philadelphia.....	126	29	94	60
1868—Wilsher's 11 vs. 22, at Philadelphia.....	92	36	88	35
1868—Wilsher's 11 vs. 22, at Philadelphia.....	117	64	47	62
1872—Gentlemen's 12 vs. 22, at Philadelphia..	105	34	63	74
1878—Australian 11 vs. 11, at Philadelphia..	150	56	196	53
1879—Lord Harris's 11 vs. 11, at Hoboken	266	—	84	55
1879—Irish 11 vs. 11, at Philadelphia.....	58	82	149	—
1879—Irish 11 vs. 11, at Philadelphia.....	122	—	108	—
1879—Daft's 11 vs. 22, at Staten Island.....	188	58	34	67
1879—Daft's 11 vs. 15, at Philadelphia.....	149	133	68	67
1881—Shaw's 11 vs. 18, at New York	254	—	65	46
1881—Shaw's 11 vs. 18, at Philadelphia.....	114	166	71	77
1881—Shaw's 11 vs. 18. All Phila., at Phila..	277	—	126	47
1882—Australians (11) vs. 18. All New York, at Hoboken, N. J.....	116	14	27	102
Won by 7 wickets.				
1882—Australians vs. 18. All Philadelphia, at Philadelphia.....	106	53	82	76
Won by 10 wickets.				

ROWING.

SINGLE SCULLS.—1½ miles, straight, 8.36, Joseph Lang, (amateur), Lachine, Canada, Aug. 21, 1882. 9.00¾, George W. Lee, (amateur), Newark, N. J., 1878.—2 miles, turn, 13.21½, James H. Riley, (amateur), Saratoga, N. Y., 1876.—3 miles, turn, 20.03, Geo. H. Hosmer, Hulton, Pa., September 28, 1883—19.04, course said to be short. Edward Hanlan, Point of Pines, Mass., May 31, 1883; 21.01 trifle over three miles, fastest ever rowed in England, Edward Hanlan, of Toronto, Canada, Mansion House to Scottswood Bridge, on the Tyne, June 16, 1879.—4 miles, turn, 27.02, dead heat between James H Riley and Edward Hanlan, Barrie, Ontario, 1879.—4⅜ miles, straight, 22.55, George Tarryer, Thames, Eng., 1877.—5 miles, turn, 33.56¼, Edward Hanlan, Chautauqua Lake, 1879.

DOUBLE SCULLS.—1½ mile, straight, 7.59, Buckley and O'Connell (amateurs), Lachine, Canada, August 21, 1882; 8.18, strong current, Frank Henderson, J.D. McBeath, (amateurs) Quaker City Club (Phila.), Detroit, Mich., 1877—2 miles, turn, 12.15, Frank Yates, Charles E. Courtney (amateurs), Saratoga, N. Y., 1876.—3 miles, turn, 20.00, J. Kennedy, J. Ten Eyck, (Professional), Portland, Me., 1880.

PAIR OARS.—1½ miles, straight, 8.41, Clegg and Standish, (amateurs), Excelsior Club (Detroit), Lachine, Canada, August 21, 1882; 8.56¾, C. E.

Bulger, H. C. Graves (amateurs), Mutual Club (Albany, N. Y.), Newark, N. J., 1878.—2 miles, straight, 12.20¾, J. H. Riley, J. Kennedy (amateurs), Greenwood Lake, N. Y. 1876.—3 miles, turn, 20.28, G. Faulkner, P. Reagan (professional), Philadelphia, 1876.—5 miles, turn, 32.01, John and Bernard Biglin (professional), Philadelphia, 1872.

FOUR OARS.—1½ miles, straight, 7.46¾, Emerald Club (amateur), of Saginaw, Mich., at Detroit, Mich., 1877. Best time over the National Course, Schuylkill River, Philadelphia.—1½ miles, straight, 8.33, University of Pennsylvania, crew, June 23, 1883.—3 miles, straight, 15.32¼, Argonauta Rowing Association (amateur), Kill von Kull, N. J., 1875.—3 miles, turn, 17.58, "Fisherman Crew," of Halifax, N. S., at Philadelphia, 1876.—4 miles, turn, 24.40, Ward Brothers, Saratoga, N. Y., 1871.—4¾ miles, straight, 20.43, Tyne Crew, Thames, Eng., 1869.—5 miles, turn, 30.44¾, John, James and Bernard Biglin, and Denny Leary, Harlem River, N. Y., 1860.

SIX OARS.—3 miles, turn, 17 40½, Ward Brothers, Lake Quinsigamond, Mass., 1868; 17.48½, by Harvard University, same place, 1868; 17.59½, straight, in barge, by Mountain Rose Crew, against the Pollywaugh Lower Schuylkill, Philadelphia, Sept. 18, 1880.

EIGHT OARS.—3 miles, straight, 17.34¾, Cornell University (amateurs), Owasco Lake, N. Y., 1878.—4 miles, straight, 20.44¾, Harvard University (amateurs), New London, Conn., 1878.—4¾ miles, straight, 19.35, Cambridge University (amateurs), Thames, Eng., 1873.

RUNNING.

100 yards.—9¼ seconds, flying start, Geo. Seward, England, Sept. 30, 1844.—9¾ seconds, John T. Crossley, Belmont Park, Pa., Sept. 19, 1881.—Amateur record, 10 seconds, by several in England and America.—9¾ sec., 9¾ sec., consecutive heats, 15 feet scratch start, Chas. McIvor, Winnipeg, Manitoba, 1882.

120 yards.—11½ seconds, Geo. Seward, England, 1847.—Amateurs, 11⅘ seconds, W. P. Phillips, March 25, 1882; L. C. Lockton, 1879, England.—12 seconds, L. E. Myers, New York, 1882.

130 yards.—12⅛ seconds, W. Johnson, England, 1867.

135 yards.—13½ seconds, John T. Crossley, Philadelphia, 1880.

140 yards.—14 seconds, W. G. Scarlet, Newcastle, Eng., 1841.

150 yards.—14½ seconds, Chas. McIvor, Woodstock, Canada, July 13, 1881.—15 seconds, C. Westhall, England, 1851.—Amateur, 15 seconds, W. P. Phillips, England, 1880; 15⅗ seconds, W. C. Wilmer, New York, 1878.

200 yards.—19½ seconds, Geo. Seward, England, 1847.—Amateur, 20¼ seconds, L. E. Myers, New York, 1881; 20⅗ seconds, J. Sherman, England, 1877.

220 yards.—22½ seconds, G. Eastham, England, 1845.—Amateur, 22⅘ seconds, W. P. Phillips, 1878; 22½ seconds, L. E. Myers, New York, 1881.

400 yards.—43 seconds, F. W. Homan, Beacon Park, Boston, Mass., November 5, 1883.

440 yards.—48½ seconds, Richard Buttery, Eng., 1873.—Amateur, 48⅗ seconds, L. E. Meyers, Eng., 1881, and 48¾ seconds, Philadelphia, 1881.

880 yards.—1 min. 53½ seconds, Frank Hewitt, Australia, 1871.—Amateur, 1 min. 55⅗ sec., L. E. Meyers, N. Y., 1881; 1.56, L. E. Myers, Eng., 1881.

1 mile.—4.16⅕, William Cummings, Preston, Eng., 1881.—4.28, John Raine, Canada, 1881.—Amateur, 4.23½, W. G. George, Eng., 1880; 4.21⅘, W. G. George, New York, 1882.

2 miles.—9.11½, William Lang, England, 1863.—Amateur, 9.33⅘, W. Snook, Eng., 1881.—10 min. 1½ sec., W. C. Davies, New York, 1881.

3 miles.—14.36, J. White, England, 1863.—Amateur, 14.42¾, W. G. George, Eng., 1881; 15.38, J. H. Gifford, New York, 1881.

5 miles.—24.40, J. White, England, 1863.—Amateur, 25.56, W. G. George, Eng., 1882; 26.44, J. H. Gifford, N. Y. 1881.

10 miles.—51.26, L. Bennett (Deerfoot) England, 1863.—53.23¼, George Hazael, N. Y., 1881.—Amateur, 52.56⅖, W. G. George, England, 1882; 56.09⅖, T. F. Delaney, Dec. 12, 1882.

20 miles.—1 hr. 54 min., Patrick Byrnes, Halifax, N. S., 1879.—1 hr. 56.38, J. E. Warburton, Blackburn, Eng., 1880.

25 miles.—2 hrs. 36 min. 36 sec., G. Mason, Lilliebridge, England, 1881.

50 miles.—6 hrs. 14 min. 47 sec., George H. Hazael, London, Eng., 1879.

100 miles.—13 hrs. 26 min. 30 sec., Charles Rowell, New York, February, 1882.

1 hour.—11 miles 970 yards, L. Bennett (Deerfoot), England, 1863.

WALKING.

1 mile.—6.23, W. Perkins, England, June 1, 1874.—6.29⅗, Frank P. Murray (amateur), New York, October 27, 1883.

2 miles.—13.20, W. Perkins, England, June 1, 1874.—13.58⅗, Frank P. Murray (amateur), New York, October 27, 1883.

3 miles.—20.47, W. Perkins, England, June 1, 1874.—21.09⅕, Frank P. Murray (amateur), New York, October 27, 1883.

5 miles.—36.18, W. Griffin, England, 1881.—36.49, H. Venn (amateur), Eng., 1878.—38.00¾, W. H. Purdy (amateur), New York, May 22, 1880.

10 miles.—1.15.49, W. Franks, Eng., June 16, 1882.—1.17.40¾, E. E. Merrill (amateur), Boston, October 5, 1880.

50 miles.—7.57.44, W. Howes, Eng., March 30, 1878.—8.25 25½, A. W. Sinclair (amateur), Eng., Nov. 14, 1879.—8.26.4, Dennis A. Driscoll (prof.), Salem, Mass., 1880.

100 miles.—18.8.15, W. Howes, Eng., May 15, 1880.—19.41.50, A. W. Sinclair, Aug. 25, 1881.

1 hour.—8 miles 302 yards (58 m. 37 s, John Meagher, New York, Nov. 2

1882.—8 miles (59.05), W. Perkins, Eng., Sept. 20, 1875.—7 miles, 1318 yards, J. B. Clark (amateur), New York, Sept. 8, 1880.

1 day.—127 miles 1210 yards, W. Howes, Eng., Feb. 23, 1878.

6 days.—531 miles 5 laps, Charles Harriman, March 11, 1882.

6,000 quarter-miles in as many consecutive periods of 10 minutes each, W. Gale, New York, June 28 to August 8, 1881.

122 miles.—25.58, greatest distance walked without rest, Charles Harriman, North Bloomfield, Cal., September, 1883.

JUMPING.

RUNNING BROAD JUMP.—29 ft. 7 in.. John Howard, with 5 lb. dumbbells, Eng., 1854.—23 ft. 3¾ in., Charles Biggar, with weights, Canada, 1879;—Without weights, 23 ft. 1½ inches, J. Lane (amateur), Ireland, 1874.—21 ft. 8 in., J. S. Voorhees (amateur), Brooklyn, N. Y.. 1880.

STANDING BROAD JUMP.—14 ft. 5½ in., G. W. Hamilton, with weights, Romeo, Mich., October 3, 1879.—10 ft. 5½ in., M. W. Ford, without weights, New York, Nov. 3, 1883.

RUNNING HIGH JUMP.—6 ft. 2¾ in., P. Davin, Ireland, 1880.—6 ft. 2½ in., M. J. Brooks (amateur), Eng., 1876. —5 ft. 11 in., E. W. Johnston, Canada, 1879.—5 ft. 8¼ in., J. P. Conover (amateur), N. Y., 1879.

STANDING HIGH JUMP.—5 ft. 3 in., E. W. Johnston, Baltimore, Md., 1878.—5 ft. 1¼ in., W. Soren (amateur), N. Y.. 1880.

THREE STANDING JUMPS.—39 ft. 1 in., G. W. Hamilton, Star Inn Race Grounds, Lancashire, Eng , Nov. 27, 1880.

JUMPING BACKWARD (exhibition).—10 ft. 3 in., J. Carter (colored), Philadelphia, Oct. 31, 1881.

RUNNING HOP, STEP AND JUMP.—48 ft. 2 in., John Blair, Barrie, Ont., 1881.—47 ft. 7 in., R. Knox, Scotland.—45 ft., Amos Doupe, Brussels, Ont., September 13, 1883.

RUN, 10 HOPS AND A JUMP.—48 yds. 2 ft. 8½ in., W. Halstead, Eng., May 8, 1880.

STANDING HOP, STEP, AND JUMP.—40 ft. 2 in., D. Anderson, Eng., 1865.

HOPPING.—80 yds., 11 1-5 sec., Edward Turner, Eng., 1878.

MISCELLANEOUS.

BICYCLE RIDING.—1 mile.—2.47⅗, F. Cooper, Eng , 1879.—2.50, George M. Hendre, New Haven, Conn., October 17, 1883.

2 miles.—5.36⅗, Keith Falconer (amateur), Eng., 1879.—6.02⅗, A. H. Robinson, Springfield, Mass., September 19, 1883.

3 miles.—8.54⅗, H. L. Cortis (amateur), Eng., 1878.—9.20½, G. M. Hendee, New Haven, Conn., Oct., 17, 1883.

4 miles.—11.51¼, H. L. Cortis, Eng., 1878. 12.30, G. M. Hendee, New Haven, Conn., Oct. 17, 1883.

5 miles.—14.54, H. L. Cortis, Eng., 1878. —15.26¾, George M. Hendee, New Haven, Conn., Oct 27, 1883.

10 miles.—30.06⅗, F. Cooper, Eng., 1880.—31.06⅗, John S. Prince, Springfield, Mass., September 19, 1883.—31.39⅗, H. D. Corey, Springfield, Mass., September 20, 1883.

20 miles.—1.02.40, F. Wood, Leicester, Eng., July 14, 1883.—1.07.32, George M. Hendee, Springfield, Mass., Sept. 19, 1883.

50 miles.—2.50.50⅗, G. H. Hillier, London, Eng., 1881.—2.54.34⅗, D. Stanton, Wales, Eng., 1879.

100 miles.—5.51.07, George Waller, Scotland, 1880.—7.25.52½ (without dismounting), Thomas Midgeley, Washington, D. C., October 26, 1883.

212 miles (on public roads) in 24 hours, T. S. Webb and John Tacy, of the Lawrence, Mass., Bicycle Club, October 16 to 18, 1883.

TRICYCLE.—1 mile.—3 m. 31¾ sec.; 2 miles. 7 m. 5¼ sec.. E. P. Burnham, New Haven, Conn., October 17, 1883.

5 miles.—18 m. 58⅜ sec., L. H. Johnson, Springfield, Mass., September 20, 1883.

SKATING.—1 mile, 1 min. 56 sec., Wm. Clarke, Madison, Wis., 1878.—10 miles, 43 min. 50 sec.; 20 miles, 1 hr. 31 min. 40 sec.; 50 miles, 4 hrs. 2 min. 43½ sec., Rudolphe Goetz, Milwaukee, Wis., 1879.—100 miles, 11 hrs. 37 min. 45 sec., John Ennis, Chicago, 1879.

GLASS-BALL SHOOTING.—300 balls in succession; 500 out of 535, in 25 min. 15 sec.; 1000, in 1 hr. 1 min. 54 sec ; 990 out of 1000 with shotgun, 14 yards rise; 5,500 in 7 hrs. 19 min. 2 sec., with shotgun, Captain A.H. Bogardus: 5500 in 7 hrs. 28 min. 30 sec., W. F. Carver, with Winchester repeating rifles, Brooklyn, L. I., 1878.

PIGEON SHOOTING.—100 single birds (tame doves) in succession, A. H. Bogardus, Chicago, Ill., 1869.—99 out of 100 (pigeons), 30 yards rise, from 5 traps, A. H. Bogardus, Brighton Beach, N. Y., July 2, 1880.

LIFTING.—By hand, without the use of straps, 1442½ lbs., D. L. Dowd, Springfield, Mass., March 27, 1883.

RAILROADS.—April 22, 1882, engine No. 22, of the West Jersey Railroad drew three heavy coaches and 124 newspaper excursionists from Camden to Cape May, a distance of 81.5 miles, in 83 minutes 30 seconds; the 76 1/10 miles between Westville and Cape May were covered in 76 minutes; the 61 1/10 miles between Woodbury and Cape May Court House were gone over in 60 minutes; the 16½ miles between Glassboro and Vineland were run in 14 minutes, and the 4⅗ miles from Newfield to Vineland were passed in 3 minutes, or at the rate of one mile in each 43 seconds.

GENERAL AND LOCAL EVENTS.

December, 1882.

1.—Municipal Bank of Skopin, Russia, fails, with liabilities of $60,000,000.

2.—Clayton McMichael appointed by President Arthur U. S. Marshal of Dist. of Columbia, *vice* Henry, dismissed.

3.—Arabi Pasha sentenced in Cairo to death; sentence commuted to exile in Ceylon Island.—Death of Archibald Campbell Tait, Archbishop of Canterbury, at London, England.

4.—Assembling of Congress at Washington. —Title to the Arlington estate decided by the U. S. Supreme Court in favor of the Lee heirs.

5.—Arrest of Frank McNamee, Henry Pillet and Levi Chew for robbing graves at Lebanon cemetery, Philadelphia.

6.—Transit of planet Venus over sun's disk. —Death of Louis Blanc, at Cannes, France; of Anthony Trollope, at London, Eng.

7.—£3,000,000 fire in London, Eng.

9.—Death of Sir Hugh Allan of Montreal, at Edinburgh, Scotland.

11.—Business portion of Kingston, Jamaica, burned; loss. £3,000,000.

13.—Fiftieth anniversary of entrance into public life of Hon. W. E. Gladstone.

15.—Death of Hon. Robt. Ould, confederate commissioner for exchange of prisoners, at Richmond, Va.

20.—Goldsmith Hall, Library Street, Phila., destroyed by fire.

24.—Adam Clarke Nutt, State Cashier of Pennsylvania, fatally shot at the Jennings House, Uniontown, Pa., by Nicholas Lyman Dukes, member-elect of the Legislative House of Representatives.

25.—Police Officer Jarvis of Phila. stabbed by Wm. and Jacob Rusk.

27.—The Rusk brothers drown themselves at Trenton through fear of arrest for the stabbing of Officer Jarvis of Phila.—Prof. A. H. Fetterolf elected President of Girard College.

28.—Tall chimney falls on a mill at Bradford, Eng., killing 36 and wounding 50.

31.—$600,000 fire in Milwaukee, Wis.

January, 1883.

1.—Death of Leon Gambetta, at Paris France.—Death of Commissioner of Highways Baldwin, of Phila.

2.—State Legislature organized at Harrisburg.

5.—Marshall T. Polk, State Treasurer of Tennessee, defaults for $400,000.

6.—Steamer City of Brussels sunk by steamer Kirby Hall at entrance to Mersey river, 10 lives lost.

10.—Newhall House, Milwaukee, Wisconsin, burned; 82 lives lost.

13.—Circus building burned at Berditchev, Poland, 368 lives lost.

16.—Gov. Pattison inaugurated at Harrisburg.

19.—Hamburg American Line Steamer Cimbria collides with English steamer Sultan off Borkum Lightship, in the North Sea, and goes down; 405 lost out of 477 passengers and crew.—Mulden, Holland, nearly demolished by a powder explosion.

21.—Giant powder mills near West Berkeley, Cal., exploded, 26 men killed.

22.—U. S. Supreme Court decides Sec. 5,519 of Revised Statutes (Civil Rights Act) unconstitutional.

23.—Gustave Doré died at Paris, France.

28.—Resignation of French Ministry, M. Fallieres appointed President of the new Ministry.

30.—Seven men killed and 18 wounded by a snow slide near Crested Butte, Col.

31.—State Treasurer Vincent, of Alabama, defaults for $227,000.

February, 1883.

1.—Inman Line Pier at New York burned, $600,000 loss.

2.—Suspension of Union Iron and Steel Co. of Chicago, liabilities $1,000,000.—Steamer Kenmore Castle wrecked and foundered in the Bay of Biscay; 32 lives lost.

4.—Disastrous floods on the Allegheny river and in Eastern Ohio.

9.—S. Davis Page takes possession of the Controller's office, Phila., under an order of court.

10.—Kavanagh, the carman, turns informer in the Phœnix Park, Dublin, murder cases involving the death of Lord Frederick Cavendish and Under-Secretary Burke.

13.—Death of Richard Wagner, musical composer, at Vienna.—Resignation of the Fallieres Ministry at Paris.

15.—Highest water at Cincinnati in the Ohio river on record, 66 ft. 4 1-4 in.—M. C. Rerdell turns states evidence in the Star Route cases.

16.—Seventy men drowned by flooding of a caved-in coal mine at Braidwood, Ill.

17.—Councillor James Carey turns informer in the Phœnix Park Cavendish and Burke murder cases at Dublin.

20.—Sixteen children killed in a panic at parochial school of Most Holy Redeemer church, New York city.

24.—Full dress rehearsal of "Passion Play" stopped by police in New York city.

28.—Receivers of the Phila. and Reading R.R. turn over the road to its Board of Managers and President.

March, 1883.

1.—Thos. W. Baldwin elected U. S. Senator from Michigan, *vice* Terry.

4.—Death of Gov. Alex. H. Stephens, of Georgia, at Atlanta, Ga.

6.—Court of Appeals at Toronto, Ont., orders extradition of Ellis P. Phipps, defaulting Superintendent of Blockley Almshouse.

8.—Steamer Navarre, Copenhagen to Leith, foundered in the North Sea, 16 saved out of 81 passengers and crew.

11.—Death at Baden Baden of Prince Alex. Gortschakoff, Ex-chancellor of Russia.

12.—Trial begun at Uniontown, Pa., of N. L. Dukes for the murder of State Cashier A. C. Nutt.

13.—Jas. McAllister, of Milwaukee, elected Superintendent of Phila. public schools.

14.—Acquittal at Uniontown, Pa., of N. L. Dukes, tried for the murder of State Cashier A. C. Nutt.

15.—Government buildings in London injured by a dynamite explosion.—Oxford wins the annual boat race with Cambridge.

16.—Forest City, Sierra county, Cal., destroyed by fire.

22.—Remains of John Howard Payne, author of "Home, Sweet Home," brought back to America from Tunis.

23.—Close of session of New Jersey legislature.

24.—Launch of monitor "Terror" at Cramp's ship-yard, Phila.

25.—Death of Hon. Timothy O. Howe, Postmaster General.

28.—Death of John Brown, Queen Victoria's personal attendant.

29.—Frank McNamee, Henry Pillet, Robert and Levi Chew sentenced at Philadelphia to imprisonment for robbing graves at Lebanon cemetery.

April, 1883.

2.—Socialist congress at Copenhagen dispersed by the Danish Government.

4.—Augustus F. Bourn elected Governor of Rhode Island.—Peter Cooper died at New York city.

10.—Trial of the Phœnix Park murderers begun at Dublin, Ireland.
13.—Ellis P. Phipps, Ex-supt. of Blockley Almshouse, brought from Toronto, Ont., to Phila., and arraigned in court.
14.—Destructive tornado in Ozark Co., Ark.
20.—Two thousand houses at Delhi, India, destroyed by fire.
21.—Execution upon judgment of ouster granted against Recorder Lane of Phila.
22.—Eighty-three persons killed, 200 wounded, and the town of Beauregard destroyed, by furious tornadoes, in Mississippi.
25.—Irish Land League convention assembles at Phila.
26.—Arch street Opera House, Phila., damaged by fire; loss $25,000.
30.—Strike of 6000 coal miners near Pittsburg, Pa.

May, 1883.

2.—The State in Schuylkill celebrates 151st anniversary.
5.—W. H. Vanderbilt retires from the Presidency of the N. Y. C. & H. R. R.—Ellis P. Phipps, Ex-supt. of Blockley Almshouse, convicted before Judge Allison of forgery.
9.—Sale of the New York *World* to Joseph Pulitzer.—Hostilities between French and Chinese in Tonquin begin.
10.—Twelve oil tanks and other valuable property burned at Communipaw, N.J.; loss 1,500,000.
11.—Suicide of Amasa Stone, millionaire of Cleveland, O.—Death of Mrs. Jesse R. Grant, mother of Gen. U. S. Grant, at Jersey City.
12.—Decree of divorce and $4,250,000 granted to Mrs. Fair, wife of U. S. Senator James Fair of Nevada.—International Fisheries Exhibition opened in London by the Prince of Wales.
14.—Joe Brady hanged at Dublin for participation in the Phœnix Park murders of Cavendish and Burke.—Charles Mitchell knocked out " by John L. Sullivan at Madison Square Garden, New York.
16.—Bombardment of Majunga, Madagascar, by a French fleet.
18.—Tornadoes devastate Racine, Wis., Morgan county, Ill., and three counties of Missouri.—Burning of steamer Granite State between New York and Hartford; five lives lost.
21.—Snow and sleet reported at Toledo and Cincinnati, O., Chicago, Ill., and Port Huron, Mich.—Walter Evans, of Louisville, Ky., appointed Commissioner of Internal Revenue.
23.—Supreme Court of Pennsylvania sustains writ of ouster against Recorder Lane Philadelphia.—St. Blaise wins the English Derby."
24.—Formal opening of the New York and Brooklyn suspension bridge.
27.—Alexander III. crowned Czar, at Moscow, Russia.
28.—Death of Ex-chief Justice George Harwood, Phila.—Destructive tornado passes over four counties of Indiana.
29.—Riot of miners at Belleville, Ill., quelled by calling out militia; one miner killed, several wounded.
30.—Panic on Brooklyn bridge; 12 persons killed, 20 injured.

June, 1883.

1.—Paris Grand Prix won by Frontin.
2.—Suspension of Grafton Iron Co. of Leetonia, O.; liabilities $600,000.
4.—Adjournment of regular session of the Pennsylvania legislature; extra session called by Gov. Pattison.
5.—Legislature convenes in extra session and adjourns to June 19.
7.—The Barber brothers, desperadoes, lynched at Waverly, Iowa.
9.—Trial trip of Jay Gould's yacht Atalanta.
11.—Final interment at Georgetown, D. C., of the remains of John Howard Payne.
13.—Nicholas Lyman Dukes, who shot and killed State Cashier A. C. Nutt, December 24, 1882, shot dead by James Nutt, at Uniontown, Pa.—112 houses destroyed by a land slide at Kuczurmare, Duchy of Berkowina, Austria.
14.—End of the Star Route trial; Brady, Dorsey, Vail and Miner acquitted.—Death at San Francisco of Ex-senator Eugene Casserly.
15.—W. H. Vanderbilt drives Maud S. and Aldine one mile in 2.15 1-2.
16.—At Sunderland, England, 202 children crushed to death in a stairway leading from the gallery of Victoria Hall.—Failure at Chicago of the " lard deal " of McGeoch, Everingham & Co.; losses $6,000,000.
19.—First woman admitted to practise law in Phila. courts; Mrs. Damon Y. Kilgore.
20.—Death of Archbishop James F. Wood, of Phila.
22.—Collision off Portland, England, of two iron ships; the Watara sinks in two minutes; 25 lives lost.
25.—Wooden theatre burned at Dervia, on the shore of Lake Como, Italy; 47 persons killed, 12 injured.
26.—Obsequies at St. Peter's Cathedral, Phila., of Archbishop Wood.
27.—Death at London, England, of William Spottswoode, LL.D., F.R.S.
28.—English House of Lords reject " deceased wife's sister bill " on third reading by 143 to 140.
30.—" Trade dollar war" begun in Phila.—Duel near Staunton, Va., between Editors Beirne of the Richmond *State* and Elam of the *Whig*.—Ellis P. Phipps sentenced to five years in the county prison.

July, 1883.

1.—Many Tariff and Internal Revenue changes go into effect.
2.—One hundred and seventy-five pauper emigrants at New York refused permission to land.
3.—County Clerk and three county commissioners of Grand Lake county, Col., killed by a mob.
4.—Death at St. Martins, O., of Archbishop Purcell.
5.—Last dollar of Iowa's war debt paid off.
6.—Riot at Ely copper mines, Vt.; militia called out for its suppression.
9.—P. M. General Gresham excludes lottery companies mail matter from the mails.—Charles Bradlaugh finally excluded by 232 to 65 from the English House of Commons.
11.—William Livsey nominated for State Treasurer, and Jerome B. Niles for Auditor-General by the Republican State Convention of Pennsylvania.—17 persons drowned by a flood at London, Ont.
14.—First launch from new yards of the American Shipbuilding Company—steel yacht " Rover."
15.—Death at Middleboro, Mass., of Charles Haywood Stratton (Gen. Tom Thumb).
19.—Beginning of strike of telegraph operators throughout the country.
21.—International rifle match ended at Wimbledon, England; American team defeated; 1951 to 1906.
23.—Sixty-five lives lost by the breaking of a wharf at Tivoli on Patapsco river, ten miles from Baltimore.
24.—Capt. Matthew Webb drowned while attempting to swim the whirlpool rapids of Niagara river.
25.—American Rapid Telegraph Co. makes a compromise with striking operators.
26.—Largest trade sale on record in New York of cotton goods; over $2,000,000 worth sold.
28.—Earthquake in the Island of Ischia; villages of Forio, Lacceomeno, and Casamicciola utterly destroyed; from four to five thousand lives lost.
29.—Informer James Carey shot and killed by Patrick O'Donnell on the steamer Melrose, on which Carey with his wife and children

had embarked under the name of Power for Port Elizabeth, South Africa.—Senor Barca, Spanish Minister to the United States, commits suicide by shooting at the Albemarle Hotel, New York city.

30.—F. Shaw & Co., of Boston, largest tanning house in the world, suspended; liabilities $3,500,000.

August, 1883.

1.—Democratic State convention at Harrisburg.—English Channel crossed in a balloon by Simmons, the aeronaut.

2.—Austin F. Pike elected U. S. Senator from New Hampshire to succeed E. H. Rollins.

6.—Great Bradlaugh demonstration at Trafalgar Square, London.—Slade "knocked out" by John L. Sullivan at Madison Square Garden, New York.

9.—Four dynamite conspirators at Liverpool sentenced to penal servitude for life.

11.—Town of Vineyard Haven, Mass., partially destroyed by fire.

12.—Burning of the Kimball House, Atlanta, Ga.—Wife of Senator Allison, of Iowa, drowns herself in Mississippi river at Dubuque, Ia.

13.—Celebration of centennial of incorporation of Charleston, S. C.

16.—Chas. Wheeler, Vice-president of Central Bank, Phila., drops dead at Broadway and Vesey street, New York.

17.—Strike of telegraph operators officially declared a failure.

19.—Death of Judge J. S. Black, at York, Pa.—Disappearance from St. Louis of Mary Churchill, aged 16.

21.—Rochester, Minn., partially destroyed by a tornado.—Detective Kingston, of Phila., dismissed for accepting bribes.—Last spike driven on the North Pacific railroad, 55 miles west of Helena, Mont.

23.—Great trade sale of cotton goods in New York.—Death of Hon. J. McDowell Sharpe, at Chambersburg, Pa.

25.—Volcanic disturbances in Java begin.

26.—Earthquakes and volcanic action in Java continue; town of Anjer and many villages destroyed; great loss of life and damage to property; Strait of Sunda obstructed by new volcanoes, coast line changed.—Steamer Woodburn sunk off Eddystone light by the St. Germain; 18 lives lost.

28.—Explosion of boiler of steamer Riverdale in North river; 6 killed, 13 wounded.—Spanish ministry resigns.

29.—High tide and heavy surf along New Jersey coast; beach at Atlantic City wrecked.

30.—Thirty-six persons injured in railway accident at Pleasantville on the Phila. and Atlantic City railroad.—Drowning at Key East, N.J., of Eleanor and Mary Vail, daughters of Lewis D. Vail, of Phila.

September, 1883.

2.—Death of Samuel W. Cattell, Superintendent Phila. House of Correction.—Mysterious murder at Stratford, Ct., of Rose Clarke Ambler.

3.—Cincinnati *Times-Star* office burned; 9 persons killed.—Opening of Foreign Exhibition at Boston.

4.—Death of Marwood, the English hangman, at London.

6.—Acquittal of Frank James, at Gallatin, Mo., of a charge of train robbery and murder.

7.—Stables of Chestnut and Walnut street car line burned, Phila.

8.—Ceremony of driving "golden spike" in Northern Pacific railroad.—First cold wave of the season.—Fifty vessels wrecked by a hurricane at Nassau, N. P.

11.—Anti-European riots at Canton, China, headed by Chinese.

13.—Report from St. John, N. B., of loss in July of Steamer Proteus, Greely relief expedition.

17.—Death at Manchester, Mass., of Junius Brutus Booth, actor.

18.—Salary limitation act passed by legislature vetoed by Gov. Pattison.

25.—Attempt by John A. Feeny to kill the British Consul at New York.

28.—Explosion of California powder works near Pinole, on the Central Pacific R. R.; all the employés killed—41 in number.

29.—King Alfonso of Spain hissed at and insulted in Paris.

October, 1883.

1.—Grand reception to Champion Athletic Base Ball Club.—Two cent postage law goes into effect.

2.—General convention of Protestant Episcopal Church opens at Christ Church, Phila.—Mitchell and Sheriff (the "Prussian") fight a draw—6 rounds, with hard gloves, near Flushing, L. I.

3.—Pittsburg Exposition building burned; loss, $1,000,000.

5.—Street car of Union line run down by 6.25 A.M. train on North Pennsylvania road at American street and Susquehanna av.; 4 killed, 12 injured.

6.—All Phila. defeated at cricket by All United States; 3 days, 8 wickets to spare.

8.—Bi-centennial celebration of the settlement of Germantown, Pa., by Germans.

9.—Elections in Ohio and Iowa; former Democratic, latter Republican.—One mile paced in 2.10 by Johnson, at Chicago driving park.

10.—Annual convention of American bankers at Louisville, Ky.—Slight earthquake shock at San Francisco.

14.—Great earthquake in Anatolia, Asia Minor; village of Chesmet and island of Chios shaken; many villages wrecked; estimated loss of life 200.

15.—Civil rights act declared unconstitutional by the United States Supreme Court.

16.—John Walsh and John Irving shoot each other dead in Draper's saloon, New York City.

17.—Villa Alegno, near Brescia, Italy, destroyed by fire, and 2000 persons made homeless.

18.—Celebration at Newburg, N. Y., of centennial of disbandment of Washington's army.

19.—Twenty coal miners perish in a colliery explosion near Barnsley, Yorkshire, Eng.

20.—Gold first discovered in Dakota Territory, near Lisbon, by H. W. Griswold.

23.—Eight children killed and mangled by explosion of squib factory at Kingston, Luzerne county, Pa.

24.—William Penn's old cottage formally transferred to the Park Commissioners.—Two inches of snow fell at Bellow's Falls, Vt.—Seventeenth anniversary of organization of the Grand Army of the Republic.

29.—Steam collier Pottsville floated off Sea Girt beach, N. J., where she had lain since January 9.

30.—Johnson L. Lynch, of Utica, N. Y., shot dead at Batavia, N. Y., in the house of E. N. Rowell, by the latter.

November, 1883.

3.—The missing girl, Mary Churchill, of St. Louis, found employed at the Indiana State Asylum, Indianapolis.—Political riot at Danville, Va.; 5 negroes killed and 2 whites wounded.

5.—Tornado in Missouri sweeps over the towns of Springfield, Republic, and Brookline; 5 killed, 30 injured, 100 houses destroyed.

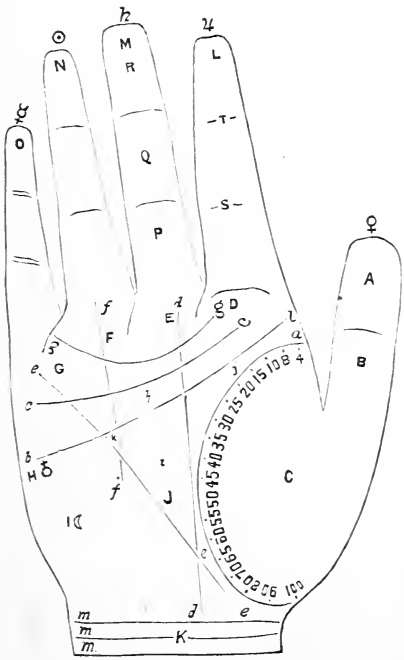
6.—Elections held in the States of Pennsylvania, New York, Massachusetts, Virginia, Mississippi, Nebraska, New Jersey, Minnesota, Maryland, and Connecticut.

7.—Eighty lives lost by a coal gas explosion at Mansfield colliery, Accrington, Lancashire county, Eng.—Ex-Senator Theodore F. Randolph, of New Jersey, died.

9.—Four lives lost by the explosion of the tug-boat J. N. Thompson, in N. York harbor.
10.—400th anniversary of Martin Luther's birth celebrated.
12.—Three men killed by explosion at West End Coal Co.'s works, near Wilkesbarre, Pa.
13.—Sewer-gas explosion near Sixth and Dickinson streets.
14.—University of Pennsylvania defeats Columbia College at foot-ball.
15.—Lower House of Pennsylvania Legislature reconsiders its vote on final adjournment.
17.—Murder by an unknown person of Mrs. Lydia Maybee and Miss Anna Maybee, at Brookville, L. I.—Wharves of American Steamship Co., at Phila., burned; loss, $160,000.
18.—Change of time-tables on railways to conform to "standard time."—Street car demolished by locomotive at Fifth st. and Washington av., Phila., two persons injured.
19.—Twenty-nine horses burned with stables of Christopher Hare, Washington ave. and Seventh st., Philadelphia.
20.—Death at London of Chas. W. Siemans, electrician and scientist, aged 63.
22.—Gas works sale ordinance indefinitely postponed in Common Councils.—Death of Commodore John M. Berrien, U. S. N., retired, at 2,030 N. Twelfth st., Philadelphia.
24.—Mysterious murder near West Orange, N. J., of Phœbe Paullin, aged 17.
26.—Celebration in New York City of Evacuation Day centennial.
27.—International Peace Conventions assembles at St. George's Hall, Philadelphia.
29.—Thanksgiving Day.—Windsor Theatre, New York, burned; loss, $500,000.
30.—Pennsylvania Legislature adopts resolution for final adjournment of extra session on Dec. 12.

PALMISTRY.

In the sixteenth century an elaborate book of Palmistry was published. It is copiously illustrated and full of quaint fancies and minute details, as the following extract will show: "That woman that hath fiue or sixe lines in the first joynt of the myddle finger running douneward shall beare a Sonne which shal be a priest. Also that man which hath a star in the same joynt shall eyther kill or be killed." Since that time many works on this subject have been given to the world. The plan of a hand herewith given is that of the latest exponent of the science. The following are explanations of the signs and lines shown on this diagram: A, the outer joint on the thumb, denotes will; B, logic. Large thumbs signify power: small, sentiment. A narrow, short thumb denotes weakness and indecision. Fingers square at the top like L, or with a spatulate top like M, or conical like N, or pointed like O, all denote different characters. The first joint, S, on the finger denotes order, the second, T, philosophy, and the ir size and shape are held to be full of meaning. Each of the phalanges, P, Q and R, has a different meaning, according as they are long, short, smooth, or narrow. The hand is set round with mounts, C being that of Venus, or love; D, Jupiter, pride; E, Saturn, fatality; F, the sun, art; G, Mercury, industry; H, Mars, cruelty, and I, Moon, imagination; and in proportion as they are in excess or deficient will these characteristics be prominent or absent in their owner. The circular line surrounding the thumb is the line of life; the figures around it indicate the portion devoted to each period of human life from 4 to 100. If the line of life is clear, well defined and of a decided color, entirely surrounding the thumb, life will be long and happy. If, on the contrary, the line is broad, pale and broken, life will be short and miserable. The line d d is the line of fate or destiny; the line b b is the line of the head, and its shape and course is held to indicate strength or weakness and direction of character. The line c c is the line of the heart, indicative of the affections; e e, the line of the liver and barometer of health; g g, the girdle of Venus, whose tendencies are most immoral, and which is absent from every well-regulated hand; m m is the triple bracelet, which when clearly marked, denotes long life and happiness.



THE "RECORD'S" GROWTH.

AN INCREASE OF TWO THOUSAND PER CENT IN SIX YEARS.

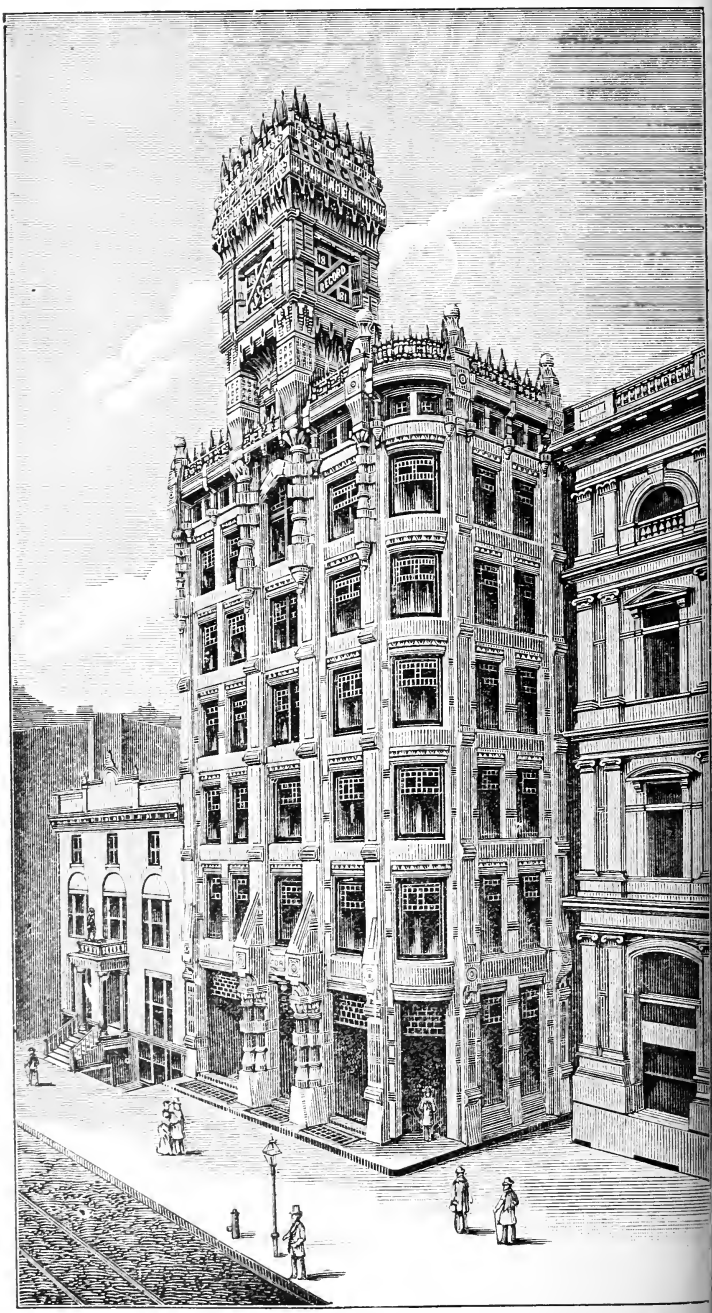
On June 1, 1877, THE RECORD appeared as a one-cent morning newspaper. Previously it had been a weak and puny battling, and had found little favor with the public. With a small circulation, slim advertising patronage and few attractive features, its lease of life seemed short indeed, before it passed into the hands of its present owner. The new management found the work of resurrection a more difficult task than would have been the establishment of a new paper. However, an effort was made to present a newsy and bright sheet, and despite the croakings of experienced publishers who asserted that every additional copy issued involved so much more loss to its proprietor, THE RECORD bounded into popular favor. Within a period of three months its daily circulation rose from 5200 copies to 35,000 copies. Its subsequent progress has been unparalleled in the history of journalism. The figures for each year tersely tell the tale:

	Circulation.	*Percentage of increase during each year.*
June 1, 1877....	5,200	
June 1, 1878....	41,744	702
June 1, 1879	51,979	24
June 1, 1880....	63,202	22
June 1, 1881....	67,360	7
June 1, 1882	87,387	29
June 1, 1883...	102,323	17
Nov. 1, 1883....	105,114	—

To-day THE RECORD can be found in every part of the Union, and in every hotel of every large town. It now lays claim to the largest circulation of any morning paper in America, with one exception—the New York *Sun*.

From unpretentious surroundings and a small beginning, THE RECORD has grown to wonderful proportions. Visiting journalists say it has the completest newspaper establishment in the country. The handsome quarters, the electric lights, the elevator, and other features have been designed with regard solely to the comfort and convenience of the employees. Pneumatic tubes whirl the news from the telegrapher's desk at Tenth and Chestnut Streets to the news-editor's desk in twenty-eight seconds, thereby saving much valuable time, particularly in the early morning. The stereotyping machinery turns out a pair of plates ready for the press in ten minutes after the forms have been closed. The four Hoe perfecting presses have a capacity for throwing out 100,000 copies an hour, and the RECORD's paper-mill makes five tons of paper every day. If stretched out in one continuous line the copies of THE RECORD printed and sold in one week would cover a length of 772 miles, Saturday's issue alone reaching 132 miles.

How these marvellous strides have been made, how THE RECORD has reached its present profitable position, is easily told. It gives the most news in the least space. It aims to publish everything of interest, not only pertaining to city and country, but to the world; and tries to serve this news not in a heavy, crude shape, from which the reader must pick his choice morsels, but nicely dressed and trimmed like a toothsome dish ready for the hungry. It studies brevity; for, as has been well said, words are like sunshine—the more they are condensed the deeper they burn. It makes the people's interests its interests. It points out new avenues of trade. It fights public shams and public frauds. It grapples with the delusions of protection in the traditional home of that heresy. It shows the irregularities of local and State taxation, and was instrumental, through the Tax Levy and Funding bills of 1879, in curing many of the evils that burdened the tax-payer and palsied the city finances. It endeavors to make the burden of the tax-gatherer fall with as little weight proportionately upon the poor as upon the rich. It uprooted the bogus diploma iniquity. It seeks to extend our commerce and whiten the seas with the sails of our ships by securing the benefits of free navigation. It strives to make itself a need in every office and in every home. Every conveyancer and financier, every man interested in the values of property in this city, watches THE RECORD's reports, for by them he keeps track of the sales of realty and of the prices paid therefor. Every builder and every dealer in house-supplies scans it with an eye to business. Every trader in farm produce or raw materials or manufactured articles can look to its columns for the latest fluctuations of the market, knowing that he will there find them promptly and accurately reported. To the mariner, to the farmer, to the housewife, THE RECORD aims to be a help. To Philadelphia it tries to be a credit, and in no boasting spirit is it now said that THE RECORD can be had to-day where Philadelphia papers were unknown six years ago, and that it numbers among its patrons the cultured readers and most sagacious business men of the community.



THE RECORD ALMANAC

1885

ILLUSTRATED

PUBLISHED BY

THE PHILADELPHIA RECORD

R. H. Co. Buffalo, N. Y.

. . . . . COMPLIMENTS OF . . . . . .

· The · Philadelphia · Record ·

. . . . . to its subscribers. . . . . .

. . . . . NEW-YEAR DAY, 1885. . . . . .

PRESS OF MATTHEWS, NORTHRUP & CO., BUFFALO, N. Y.

THE PHILADELPHIA RECORD.

THE RECORD is the pioneer newspaper in the United States in publishing from day to day the current news, local and general, for a price which places it within the reach of everybody. It has had many imitators, but has no equal.

THE RECORD is published every day, and sent, postage free, to any part of the United States, for Four Dollars per year, payable in advance. Exclusive of the Sunday issue the price is Three Dollars per year, or thirty cents per month.

To subscribers in Philadelphia or its suburbs THE RECORD is delivered at eight cents per week, or without the SUNDAY RECORD at six cents per week, payable to the carrier.

The Saturday RECORD or the SUNDAY RECORD will be sent by mail, separately, to subscribers for One Dollar per year, free of postage.

THE RECORD contains the Associated Press news from all parts of the world, and special correspondence from all important points. Full market reports, both foreign and domestic, are a specialty. Able financial articles, correct local reports and fearless editorials on all important topics are features of the paper.

On Saturday a double sheet is published, and on that day columns are devoted to agriculture, science, household knowledge, the fashions, sports, and other valuable and interesting reading matter.

In addition to accurate reports of occurrences, local, domestic and foreign, the SUNDAY RECORD gives prominence to sporting events and dramatic matters.

The circulation of THE RECORD (exceeding that of any of its daily contemporaries, and larger than that of any other newspaper in the United States with the exception of the *New-York Sun* and the *New-York Herald*) makes it an exceptionally valuable medium for advertising. As a matter of business fairness and propriety, it publishes for the benefit of advertisers a daily statement of its circulation, so that the wayfarer, though a fool, need not make any mistakes.

THE RECORD makes its own paper; is printed in its own office; and has in use four of Hoe's Perfecting Presses with the latest improvements, capable of turning out 100,000 folded papers every hour. It is in every sense a complete, an independent, and a prosperous journal.

Address all communications to

THE PHILADELPHIA RECORD,

917 and 919 Chestnut Street.

* JANUARY. *						
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22	23	24	25	26	27	28
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....	....	....	....	....	....	....

* APRIL. *						
....	....	....	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	....	....
....	....	....	....	....	....	....

* MAY. *						
....	....	....	....	....	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	....	....	....	....	....	....

* JUNE. *						
....	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	....	....	....	....
....	....	....	....	....	....	....

* JULY. *						
....	....	....	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	....
....	....	....	....	....	....	....

* AUGUST. *						
....	....	....	....	....	....	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	....	....	....	....	....

SEPTEMBER.						
....	....	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	....	....	....
....	....	....	....	....	....	....

* OCTOBER. *						
....	....	....	....	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
....	....	....	....	....	....	....

NOVEMBER.						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	....	....	....	....	....
....	....	....	....	....	....	....

DECEMBER.						
....	....	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	....	....
....	....	....	....	....	....	....

IN THE ATTIC.

THE

· RECORD · ALMANAC ·

FOR THE YEAR

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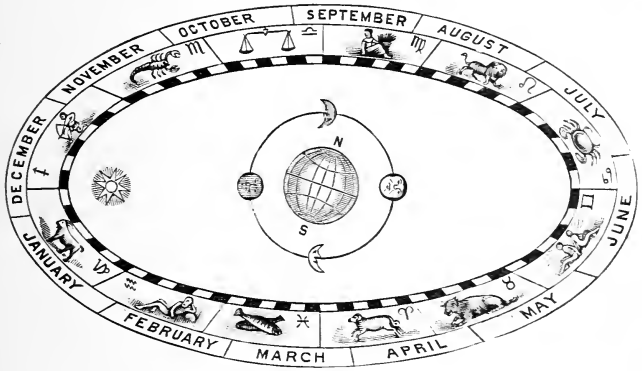

APPARENT RELATIVE POSITION OF THE EARTH, THE SUN, THE MOON AND THE SIGNS OF THE ZODIAC.

PUBLISHED BY

THE PHILADELPHIA RECORD.

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THE YEAR 1885.

CHRONOLOGICAL ERAS.

The year 1885, which comprises the latter part of the 109th and the beginning of the 110th year of the Independence of the United States of America, corresponds to—

The year 6598 of the Julian Period;
The year 7393–'94 of the Byzantine era, the year 7394 commencing on September 1st;
The year 5645–'46 of the Jewish era, the year 5646 commencing on September 10, 1885, or, more exactly, at sunset on September 9th;
The year 2638 since the foundation of Rome, according to Varro;
The year 2632 since the beginning of the era of Nabonassar, which has been assigned to Wednesday, the 26th of February of the 3967th year of the Julian Period; corresponding, in the notation of chronologists, to the 747th; and, in the notation of astronomers, to the 746th year before the birth of Christ;
The year 2661 of the Olympiads, or the first year of the 666th Olympiad commencing in July, 1885, if we fix the era of the Olympiads at 775½ years before Christ, or near the beginning of July of the year 3938 of the Julian Period;
The year 2197 of the Grecian era, or the era of the Seleucidæ;
The year 1601 of the era of Diocletian.

The year 1303 of the Mohammedan era, or the era of the Hegira, begins on the 10th day of October, 1885.

The first day of January of the year 1885, is the 2,409,543d day since the commencement of the Julian Period.

CHRONOLOGICAL CYCLES.

Dominical Letter	D	Solar Cycle	18
Epact	14	Roman Indiction	13
Lunar Cycle or Golden Number	5	Julian Period	6598

ECLIPSES.

In the year 1885 there will be four Eclipses—two of the Sun and two of the Moon.

I. An Annular Eclipse of the Sun, March 16. Visible to North America generally as a partial Eclipse. Being annular on a line drawn through Weaverville and Ft. Bidwell, California; Idaho and Boise Cities, Idaho; Bannack City and Gallatin, Montana; Hudson Bay and Greenland.

Occurring as follows:

STANDARD TIME.	BEGINS.	ENDS.
Bangor, Me.	0h. 23m. P. M.	2h. 58m. P. M.
Boston, Mass.	0h. 20m. P. M.	2h. 53m. P. M.
New-York, N. Y.	0h. 13m. P. M.	2h. 46m. P. M.
Buffalo, N. Y.	0h. 2m. P. M.	2h. 42m. P. M.
Philadelphia, Pa.	0h. 10m. P. M.	2h. 43m. P. M.
Pittsburgh, Pa.	11h. 58m. A. M.	2h. 38m. P. M.
Cincinnati, O.	10h. 48m. A. M.	1h. 29m. P. M.
Chicago, Ill.	10h. 45m. A. M.	1h. 30m. P. M.
Nashville, Tenn.	10h. 41m. A. M.	1h. 22m. P. M.
St. Louis, Mo.	10h. 37m. A. M.	1h. 20m. P. M.
St. Paul, Minn.	10h. 38m. A. M.	1h. 25m. P. M.
Denver, Col.	9h. 10m. A. M.	0h. 1m. P. M.
Salt Lake City, Utah	9h. 3m. A. M.	11h. 52m. A. M.
Washington, D. C.	0h. 6m. P. M.	2h. 39m. P. M.

II. A Partial Eclipse of the Moon, March 30. Invisible to America. Visible to Asia, Australia, Eastern portions of Europe and Africa, and the Western Pacific Ocean.

III. A Total Eclipse of the Sun, September 8. Invisible. Visible chiefly to the South Pacific Ocean.

IV. A Partial Eclipse of the Moon, September 23–24. Visible to North and South America, and the Atlantic and Pacific Oceans.

STANDARD TIME.	EASTERN TIME.	CENTRAL TIME.
Moon enters Penumbra	24d. 0h. 0m. A. M.	23d. 11h. 0m. P. M.
Moon enters Shadow	24d. 1h. 14m. A. M.	24d. 0h. 14m. A. M.
Middle of the Eclipse	24d. 2h. 48m. A. M.	24d. 1h. 48m. A. M.
Moon leaves Shadow	24d. 4h. 22m. A. M.	24d. 3h. 22m. A. M.
Moon leaves Penumbra	24d. 5h. 36m. A. M.	24d. 4h. 36m. A. M.

Magnitude of Eclipse=0.79 (Moon's diameter=1).

FIXED AND MOVABLE FESTIVALS OF THE CHURCH.

Epiphany	Jan.	6	Rogation Sunday	May	10
Septuagesima Sunday	Feb.	1	Ascension Day—Holy Thursday	"	14
Quinquagesima—Shrove Sunday	"	15	Pentecost—Whit Sunday	"	24
Ash Wednesday	"	18	Trinity Sunday	"	31
First Sunday in Lent	"	22	Corpus Christi	June	4
St. Patrick	March	17	St. John Baptist—Midsum. Day	"	24
Palm Sunday	"	29	Michaelmas Day	Sept.	29
Good Friday	April	3	First Sunday in Advent	Nov.	29
Easter Sunday	"	5	Christmas Day	Dec.	25
Low Sunday	"	12			

LEGAL HOLIDAYS.

New-Year's Day	Jan.	1	Independence Day	July	4
Washington's Birth-Day	Feb.	22	Thanksgiving Day	Nov.	26
Decoration Day	May	30	Christmas Day	Dec.	25

THE SEASONS—EASTERN STANDARD TIME.

Spring begins, March	20 d.	5 h.	A. M.	Autumn begins, Sept.	22 d.	4 h.	P. M.
Summer " June	21 d.	2 h.	A. M.	Winter " Dec.	21 d.	10 h.	A. M.

MORNING AND EVENING STARS.

MERCURY will be visible as Morning Star about January 26, May 25, and September 15; and as Evening Star about April 8, August 6, and November 30.

VENUS will be Morning Star till May 4; then Evening Star the rest of the year.

JUPITER will be Morning Star till February 18; then Evening Star till September 8; and Morning Star again the rest of the year.

PLANETS BRIGHTEST.

JUPITER.....February 19
SATURN.....December 26

VENUS and MARS will not attain their greatest brilliancy during this year.

PLANETARY CONJUNCTIONS.

VENUS will be in conjunction with Mercury, January 24; with Mercury, February 11; with Mars, March 27; with Mercury, April 28; with the Sun (superior), May 4; with Neptune, May 11; with Saturn, June 7; with Mercury, July 17; with Jupiter, August 6; with Mercury, August 8; with β *Virginis*, August 19; with Uranus, August 24.

MARS will be in conjunction with the Sun, February 11; with Mercury, March 7; with Venus, March 27; with Mercury, May 13; with Mercury, May 30; with Neptune, June 10; with Saturn, August 6.

JUPITER will be in conjunction with *Regulus*, May 30; with Mercury, August 4; with Venus, August 6; with Mercury, August 27; with the Sun, September 8; with Mercury, September, 27; with β *Virginis*, October 21; with η *Virginis*, December 8.

SATURN will be in conjunction with Venus, June 7; with the Sun, June 18; with Mercury, June 23; with Mars, August 6.

URANUS will be in conjunction with Venus, August 24; with the Sun, September 26; with Mercury, October 4.

NEPTUNE will be in conjunction with Venus, May 11; with the Sun, May 13; with Mercury, June 5; with Mars, June 10.

The Sun is in Apogee, July 3; and in Perigee, December 30.

There will be an occultation of Jupiter visible at Washington, December 28, 2h. 45m. A. M. (standard time).

PLANETARY OPPOSITIONS.

JUPITER will be in opposition to the Sun February 19, and will shine all night.
URANUS will be in opposition to the Sun March 21, and will shine all night.
NEPTUNE will be in opposition to the Sun November 16, and will shine all night.
SATURN will be in opposition to the Sun December 26, and will shine all night.

TRUE TIME.

In this Almanac, clock or mean-time is used except where otherwise specified. The Sun is seldom on the Meridian at twelve o'clock. In the fourth column of every calendar page is given, to the nearest minute, the amount that the Sun is *slow* or *fast*. This affords a ready means of obtaining correct local mean-time and for setting a clock by use of a properly-made noon mark.

1st Month. JANUARY. 31 Days.

Mean time is used, unless otherwise specified.

D. Y.	D. M.	D. W.	Sun Slow	M. C.	Boston, New England, New York State, Chicago. Sun Rises.	Sun Sets.	Moon Rises.	N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois. Sun Rises.	Sun Sets.	Moon Rises.	Eastern Standard Time. H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	1	Th.	4	☐	7 30	4 39	5 41	7 23	4 45	5 46	11 23	8 17	1 33
2	2	Fr.	5	☐	7 30	4 40	6 52	7 23	4 46	6 56	Ev 15	9 13	2 29
3	3	Sa.	5	☐	7 30	4 41	8 2	7 23	4 47	8 5	1 6	9 54	3 21
4	4	S	5	☐	7 30	4 42	9 11	7 23	4 48	9 13	1 54	10 48	4 9
5	5	Mo.	6	☐	7 30	4 43	10 18	7 23	4 49	10 19	2 41	11 37	4 57
6	6	Tu.	6	☐	7 30	4 44	11 22	7 23	4 50	11 21	3 28	Ev 26	5 41
7	7	We.	7	☐	7 29	4 45	Morn	7 23	4 51	Morn	4 17	1 16	6 26
8	8	Th.	7	☐	7 29	4 46	0 23	7 22	4 52	0 21	5 10	2 8	7 12
9	9	Fr.	8	☐	7 29	4 47	1 23	7 22	4 53	1 20	6 4	3 2	8 3
10	10	Sa.	8	☐	7 29	4 48	2 22	7 22	4 54	2 18	7 0	3 57	9 1
11	11	S	8	☐	7 28	4 49	3 18	7 22	4 55	3 13	7 53	4 50	9 56
12	12	Mo.	9	☐	7 28	4 50	4 11	7 21	4 56	4 6	8 45	5 43	10 52
13	13	Tu.	9	☐	7 28	4 51	5 1	7 21	4 57	4 55	9 34	6 32	11 44
14	14	We.	10	☐	7 27	4 53	5 49	7 20	4 58	5 43	10 20	7 17	Ev 32
15	15	Th.	10	☐	7 27	4 54	6 34	7 20	4 59	6 28	11 2	7 56	1 13
16	16	Fr.	10	☐	7 26	4 55	Sets	7 20	5 0	Sets	11 41	8 38	1 53
17	17	Sa.	11	☐	7 26	4 56	6 33	7 19	5 1	6 37	Morn	9 19	2 35
18	18	S	11	☐	7 25	4 57	7 33	7 19	5 3	7 36	0 21	9 58	3 15
19	19	Mo.	11	☐	7 24	4 59	8 33	7 18	5 4	8 35	1 0	10 36	3 56
20	20	Tu.	11	☐	7 24	5 0	9 34	7 18	5 5	9 34	1 41	11 16	4 37
21	21	We.	12	☐	7 23	5 1	10 37	7 17	5 6	10 36	2 22	Morn	5 20
22	22	Th.	12	☐	7 22	5 2	11 42	7 17	5 7	11 40	3 5	0 2	6 3
23	23	Fr.	12	☐	7 22	5 4	Morn	7 16	5 9	Morn	3 52	0 51	6 52
24	24	Sa.	13	☐	7 21	5 5	0 48	7 16	5 10	0 45	4 47	1 46	7 50
25	25	S	13	☐	7 21	5 6	1 55	7 15	5 11	1 50	5 51	2 49	9 0
26	26	Mo.	13	☐	7 20	5 7	3 2	7 14	5 12	2 57	6 59	3 56	10 12
27	27	Tu.	13	☐	7 18	5 9	4 7	7 13	5 13	4 1	8 8	5 5	11 22
28	28	We.	13	☐	7 17	5 10	5 8	7 12	5 15	5 2	9 13	6 11	Morn
29	29	Th.	13	☐	7 16	5 11	6 2	7 11	5 16	5 57	10 14	7 11	0 26
30	30	Fr.	14	☐	7 15	5 13	Rises	7 10	5 17	Rises	11 8	8 1	1 18
31	31	Sa.	14	☐	7 14	5 14	6 47	7 9	5 18	6 50	11 55	8 53	2 8

MOON'S PHASES.

	D.	Eastern Time. H. M.	Central Time. H. M.	Mountain Time. H. M.
Full Moon	1	6 9 A.M.	5 9 A.M.	4 9 A.M.
Last Quarter	7	10 36 A.M.	9 36 A.M.	8 36 A.M.
New Moon	16	3 36 A.M.	2 36 A.M.	1 36 A.M.
First Quarter	23	8 26 P.M.	7 26 P.M.	6 26 P.M.
Full Moon	30	11 19 A.M.	10 19 A.M.	9 19 A.M.

LOST THE WAY.

2d Month. FEBRUARY. 28 Days.

Mean time is used, unless otherwise specified.

D. Y.	D. M.	D. W.	Sun Slow. M.	C. M.
32	1	S	14	♌
33	2	Mo.	14	♌
34	3	Tu.	14	♍
35	4	We.	14	♍
36	5	Th.	14	♍
37	6	Fr.	14	♍
38	7	Sa.	14	♍
39	8	S	14	♎
40	9	Mo.	14	♎
41	10	Tu.	14	♎
42	11	We.	14	♎
43	12	Th.	14	♎
44	13	Fr.	14	♏
45	14	Sa.	14	♏
46	15	S	14	♏
47	16	Mo.	14	♏
48	17	Tu.	14	♏
49	18	We.	14	♐
50	19	Th.	14	♐
51	20	Fr.	14	♐
52	21	Sa.	14	♐
53	22	S	14	♑
54	23	Mo.	13	♑
55	24	Tu.	13	♑
56	25	We.	13	♑
57	26	Th.	13	♒
58	27	Fr.	13	♒
59	28	Sa.	13	♒

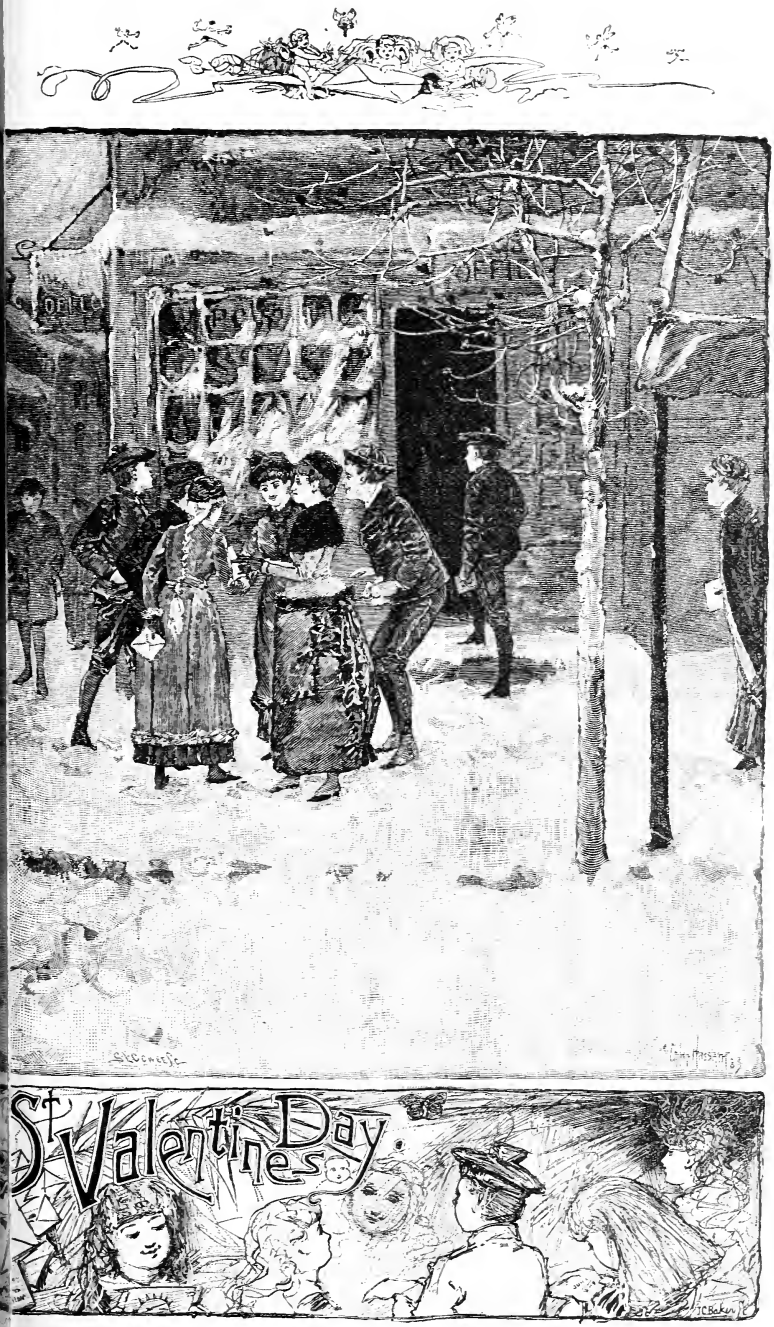
Boston, New England, New York State, Chicago.		
Sun Rises.	Sun Sets.	Moon Rises.
H. M.	H. M.	H. M.
7 13	5 15	7 57
7 12	5 17	9 4
7 11	5 18	10 8
7 10	5 19	11 10
7 9	5 20	Morn
7 8	5 22	0 10
7 7	5 23	1 7
7 5	5 24	2 2
7 4	5 26	2 55
7 3	5 27	3 44
7 1	5 28	4 29
7 0	5 30	5 11
6 58	5 31	5 50
6 57	5 32	Sets
6 56	5 33	6 25
6 55	5 35	7 27
6 53	5 36	8 30
6 52	5 37	9 34
6 50	5 38	10 40
6 49	5 40	11 46
6 47	5 41	Morn
6 46	5 42	0 52
6 44	5 43	1 56
6 43	5 45	2 56
6 41	5 46	3 51
6 40	5 47	4 41
6 38	5 48	5 25
6 36	5 50	Rises

N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois.		
Sun Rises.	Sun Sets.	Moon Rises.
H. M.	H. M.	H. M.
7 8	5 19	7 58
7 7	5 21	9 4
7 6	5 22	10 7
7 5	5 23	11 7
7 4	5 24	Morn
7 3	5 25	0 6
7 2	5 27	1 2
7 1	5 28	1 57
7 0	5 29	2 49
6 59	5 30	3 38
6 58	5 31	4 23
6 56	5 33	5 6
6 55	5 34	5 46
6 54	5 35	Sets
6 53	5 36	6 27
6 51	5 37	7 28
6 50	5 39	8 29
6 48	5 40	9 32
6 47	5 41	10 37
6 46	5 42	11 42
6 44	5 43	Morn
6 43	5 45	0 47
6 41	5 46	1 50
6 40	5 47	2 50
6 39	5 48	3 46
6 37	5 49	4 36
6 36	5 50	5 21
6 34	5 51	Rises

Eastern Standard Time.		
H. W. Boston.	H. W. N. Y.	H. W. Phila.
H. M.	H. M.	H. M.
Ev 42	9 40	2 56
1 26	10 23	3 41
2 11	11 5	4 26
2 54	11 51	5 10
3 40	Ev 39	5 52
4 31	1 30	6 37
5 25	2 23	7 24
6 20	3 18	8 20
7 17	4 14	9 19
8 13	5 9	10 16
9 3	6 1	11 11
9 50	6 48	Ev 2
10 36	7 32	0 47
11 16	8 10	1 26
11 54	8 52	2 7
Morn	9 32	2 47
0 33	10 12	3 30
1 15	10 51	4 12
1 57	11 38	4 58
2 42	Morn	5 44
3 31	0 29	6 35
4 29	1 28	7 33
5 34	2 32	8 46
6 46	3 43	9 58
7 55	4 51	11 7
8 59	5 57	Morn
9 56	6 54	0 8
10 47	7 42	0 59

MOON'S PHASES.

	D.	Eastern Time.	Central Time.	Mountain Time.
Last Quarter	6	H. M. P.M. 5 37	H. M. 4 37 P.M.	H. M. 3 37 P.M.
New Moon	14	9 22 P.M.	8 22 P.M.	7 22 P.M.
First Quarter	22	5 31 A.M.	4 31 A.M.	3 31 A.M.
Full Moon	28	11 0 P.M.	10 0 P.M.	9 0 P.M.


St Valentines Day.

4th Month. APRIL. 30 Days.

Mean time is used, unless otherwise specified.

D. Y.	D. M.	D. W.	Sun Slow.	M. C.	Boston, New England, New York State, Chicago. Sun Rises.	Sun Sets.	Moon Rises.	N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois. Sun Rises.	Sun Sets.	Moon Rises.	Eastern Standard Time. H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
91	1	We.	4	♎	5 42	6 26	8 40	5 43	6 25	8 36	Ev 27	9 26	2 41
92	2	Th.	3	♎	5 40	6 28	9 39	5 42	6 26	9 34	1 9	10 7	3 24
93	3	Fr.	3	♏	5 38	6 29	10 35	5 40	6 27	10 30	1 52	10 46	4 7
94	4	Sa.	3	♏	5 36	6 30	11 28	5 39	6 28	11 22	2 35	11 30	4 50
95	5	S	3	♏	5 35	6 31	Morn	5 37	6 29	Morn	3 19	Ev 17	5 33
96	6	Mo.	2	♐	5 33	6 32	0 17	5 35	6 30	0 11	4 9	1 8	6 18
97	7	Tu.	2	♐	5 31	6 33	1 1	5 34	6 31	0 56	5 2	2 0	7 4
98	8	We.	2	♑	5 30	6 34	1 41	5 32	6 32	1 36	5 58	2 56	7 57
99	9	Th.	1	♑	5 28	6 35	2 19	5 31	6 33	2 15	6 54	3 51	8 55
100	10	Fr.	1	♑	5 26	6 36	2 54	5 29	6 34	2 51	8 0	4 46	9 53
101	11	Sa.	1	♒	5 25	6 38	3 27	5 27	6 35	3 25	8 41	5 39	10 47
102	12	S	1	♒	5 23	6 39	3 59	5 26	6 36	3 58	9 30	6 28	11 40
103	13	Mo.	0	♒	5 21	6 40	4 31	5 24	6 37	4 31	10 16	7 13	Ev 28
104	14	Tu.	0	♓	5 20	6 41	5 5	5 23	6 38	5 6	11 1	7 55	1 12
105	15	We.	Fast	♓	5 18	6 42	Sets	5 21	6 39	Sets	11 45	8 42	1 57
106	16	Th.	0	♈	5 17	6 43	8 31	5 20	6 40	8 27	Morn	9 30	2 45
107	17	Fr.	1	♉	5 15	6 44	9 40	5 18	6 41	9 35	0 31	10 17	3 35
108	18	Sa.	1	♉	5 14	6 45	10 45	5 17	6 42	10 39	1 20	11 7	4 28
109	19	S	1	♊	5 12	6 46	11 43	5 15	6 43	11 37	2 13	Morn	5 22
110	20	Mo.	1	♊	5 10	6 48	Morn	5 14	6 44	Morn	3 7	0 5	6 16
111	21	Tu.	1	♊	5 9	6 49	0 35	5 13	6 45	0 30	4 7	1 6	7 13
112	22	We.	2	♋	5 7	6 50	1 22	5 11	6 46	1 18	5 11	2 9	8 16
113	23	Th.	2	♋	5 6	6 51	2 2	5 10	6 47	1 59	6 16	3 14	9 21
114	24	Fr.	2	♌	5 4	6 52	2 38	5 8	6 48	2 36	7 20	4 17	10 21
115	25	Sa.	2	♌	5 3	6 53	3 12	5 7	6 49	3 11	8 18	5 14	11 18
116	26	S	2	♍	5 1	6 54	3 45	5 6	6 50	3 45	9 9	6 7	Morn
117	27	Mo.	3	♍	5 0	6 55	4 17	5 5	6 51	4 19	9 56	6 54	0 8
118	28	Tu.	3	♎	4 59	6 56	4 48	5 3	6 51	4 51	10 42	7 37	0 53
119	29	We.	3	♎	4 57	6 58	Rises	5 2	6 52	Rises	11 21	8 15	1 31
120	30	Th.	3	♎	4 56	6 59	8 24	5 1	6 53	8 19	Ev 1	8 59	2 14

MOON'S PHASES.

	D.	Eastern Time.	Central Time.	Mountain Time.
Last Quarter	7	H. M. A.M. 9 49 A.M.	H. M. A.M. 8 42 A.M.	H. M. A.M. 7 33 A.M.
New Moon	15	0 52 A.M.	14d—11 52 P.M.	14d—10 52 P.M.
First Quarter	21	6 20 P.M.	5 20 P.M.	4 20 P.M.
Full Moon	29	1 14 A.M.	0 14 A.M.	28d—11 14 P.M.

TIDE TABLE.

For finding the Standard Time of High Water for places on the Atlantic coast.	Interval to be applied to the Standard Time of High Water at New-York found in the Calendar pages.			Mean rise and fall.
		H.	M.	FEET.
Eastport, Me.	Add	3	33	18.2
Mt. Desert Island, Me.	"	2	31	9.9
Belfast, Me.	"	2	38	9.7
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Newburyport, Mass.	"	3	17	7.5
Ipswich, Mass.	"	3	6	9.0
Rockport, Mass.	"	2	36	8.6
Gloucester, Mass.	"	2	44	8.9
Marblehead, Mass.	"	2	51	9.3
Salem, Mass.	"	2	54	9.2
Plymouth, Mass.	"	2	59	9.2
Provincetown, Mass.	"	2	59	3.3
Hyannis, Mass.	"	4	0	3.0
Nantucket, Mass.	"	4	15	2.0
Vineyard Haven, Mass.	"	3	22	1.6
Wood's Holl (north side), Mass.	Sub.	0	21	4.0
Wood's Holl (south side), Mass.	Add	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass.	Sub.	0	20	3.7
Fall River, Mass.	"	0	8	4.7
Newport, R. I.	"	0	33	3.9
Point Judith, R. I.	"	0	45	3.1
Montauk Point, Long Island.	Add	0	4	1.9
Watch Hill, R. I.	"	0	44	2.7
Stonington, Conn.	"	0	52	2.7
New London, Conn.	"	1	8	2.5
Norwich, Conn.	"	1	57	3.1
New Haven, Conn.	"	2	57	6.0
Bridgeport, Conn.	"	3	1	6.5
New Rochelle, N. Y.	"	3	14	7.6
West Point, N. Y.	"	2	55	2.7
Albany and Greenbush, N. Y.	Sub.	2	48	2.3
Brooklyn (Navy Yard), N. Y.	Add	0	47	4.4
Newark, N. J.	"	0	46	5.0
Sandy Hook, N. J.	Sub.	0	36	4.7
Barnegat, N. J.	Add	1	38	0.9
Cape May Landing, N. J.	Add	0	16	4.8
Delaware Breakwater, Del.	Sub.	0	3	3.5
Delaware City, Del.	Add	2	59	6.3
Newcastle, Del.	Add	3	52	6.5
Annapolis, Md.	Sub.	3	19	0.9
Baltimore, Md.	Sub.	1	24	1.3
Havre de Grace, Md.	Add	1	38	1.5
Point Lookout, Md.	Add	4	58	1.4
Washington (Long Bridge), D. C.	Sub.	0	20	2.8
Norfolk (Navy Yard), Va.	Add	1	5	2.7
Richmond, Va.	Sub.	3	25	3.6

DIVISIONS OF TIME.

A Solar Day is measured by the rotation of the earth upon its axis, and is of different lengths, owing to the ellipticity of the earth's orbit and other causes; but a mean solar day, recorded by the time-piece, is twenty-four hours long.

An Astronomical Day commences at noon, and is counted from the first to the twenty-fourth hour. A Civil Day commences at midnight, and is counted from the first to the twelfth hour, when it is counted again from the first to the twelfth hour. A Nautical Day is counted as a Civil Day, but commences, like an Astronomical Day, from noon.

A Calendar Month varies in length from 28 to 31 days.

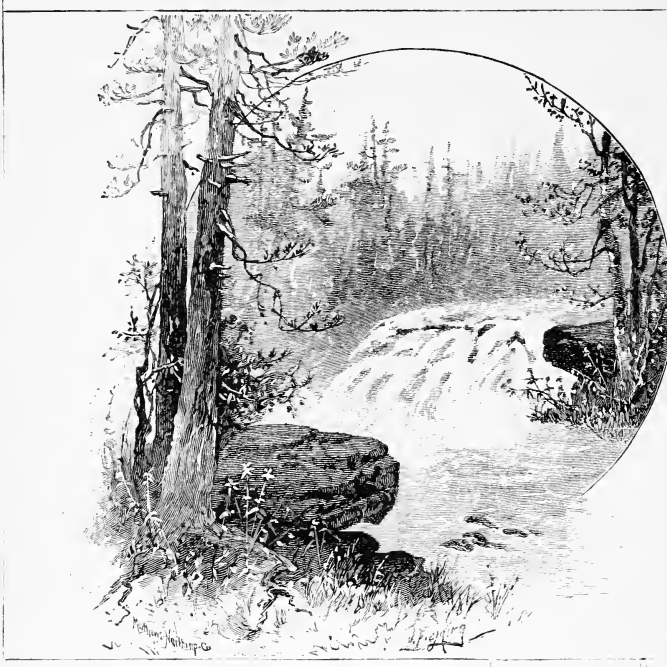
A mean Lunar Month is 29 days, 12 hours, 44 minutes, 2.87 seconds.

A Year is divided into 365 days.

A Solar Year, which is the time occupied by the Sun in passing from one vernal equinox to another, consists of 365.2422 Solar Days, or 365 days, 5 hours, 48 minutes, and 49.7 seconds.

A Julian Year is 365 days. A Gregorian Year is 365.2425 days; every fourth year is *Bissextile*, or Leap-Year, and is 366 days. The error of the Gregorian computation amounts only to one day in 3,846 years.

5th Month. MAY. 31 Days.



Mean time is used, unless otherwise specified.

D. Y.	D. M.	D. W.	Sun Fast.	M. C.	Boston, New England, New York State, Chicago. Sun Rises.	Sun Sets.	Moon Rises.	N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois. Sun Rises.	Sun Sets.	Moon Rises.	Eastern Standard Time. H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
121	1	F.	3	♏	4 54	7 0	9 19	5 0	6 54	9 13	0 42	9 40	2 56
122	2	Sa.	3	♏	4 53	7 1	10 10	4 59	6 55	10 4	1 23	10 20	3 38
123	3	S	3	♐	4 52	7 2	10 57	4 57	6 56	10 51	2 6	11 0	4 21
124	4	Mo.	3	♐	4 50	7 3	11 40	4 56	6 57	11 35	2 49	11 46	5 5
125	5	Tu.	4	♐	4 49	7 4	Morn	4 55	6 58	Morn	3 35	Ev 33	5 48
126	6	We.	4	♑	4 48	7 5	0 18	4 54	6 59	0 13	4 24	1 23	6 31
127	7	Th.	4	♑	4 47	7 6	0 53	4 53	7 0	0 49	5 16	2 14	7 17
128	8	Fr.	4	♑	4 46	7 8	1 26	4 51	7 1	1 23	6 11	3 9	8 11
129	9	Sa.	4	♒	4 44	7 9	1 57	4 50	7 2	1 55	7 8	4 5	9 9
130	10	S	4	♒	4 43	7 10	2 28	4 49	7 3	2 28	8 3	4 59	10 6
131	11	Mo.	4	♒	4 42	7 11	3 1	4 48	7 4	3 2	8 55	5 52	11 2
132	12	Tu.	4	♓	4 41	7 12	3 35	4 47	7 5	3 37	9 47	6 45	11 57
133	13	We.	4	♓	4 40	7 13	4 12	4 46	7 6	4 15	10 38	7 33	Ev 49
134	14	Th.	4	♈	4 39	7 14	Sets	4 45	7 7	Sets	11 26	8 21	1 37
135	15	Fr.	4	♈	4 38	7 15	8 30	4 44	7 8	8 24	Morn	9 14	2 30
136	16	Sa.	4	♉	4 37	7 16	9 33	4 43	7 9	9 27	0 16	10 6	3 24
137	17	S	4	♊	4 36	7 17	10 30	4 42	7 10	10 25	1 9	10 56	4 17
138	18	Mo.	4	♊	4 35	7 18	11 20	4 42	7 11	11 15	2 2	11 53	5 11
139	19	Tu.	4	♋	4 34	7 19	Morn	4 41	7 12	11 59	2 56	Morn	6 3
140	20	We.	4	♋	4 33	7 20	0 3	4 40	7 13	Morn	3 52	0 51	6 55
141	21	Th.	4	♌	4 32	7 21	0 41	4 39	7 14	0 38	4 51	1 50	7 51
142	22	Fr.	4	♌	4 32	7 22	1 16	4 39	7 15	1 15	5 52	2 50	8 53
143	23	Sa.	3	♌	4 31	7 23	1 49	4 38	7 15	1 49	6 52	3 49	9 50
144	24	S	3	♍	4 30	7 24	2 20	4 38	7 16	2 21	7 47	4 44	10 46
145	25	Mo.	3	♍	4 29	7 25	2 51	4 37	7 17	2 53	8 40	5 38	11 38
146	26	Tu.	3	♎	4 28	7 26	3 23	4 36	7 18	3 26	9 28	6 26	Morn
147	27	We.	3	♎	4 28	7 26	3 59	4 36	7 19	4 3	10 14	7 11	0 26
148	28	Th.	3	♏	4 27	7 27	Rises	4 35	7 19	Rises	10 57	7 51	1 4
149	29	Fr.	3	♏	4 27	7 28	8 5	4 35	7 20	7 59	11 36	8 32	1 47
150	30	Sa.	3	♏	4 26	7 29	8 53	4 34	7 21	8 47	Ev 16	9 15	2 30
151	31	S	3	♐	4 26	7 30	9 38	4 34	7 22	9 32	0 58	9 56	3 13

MOON'S PHASES.

	D.	Eastern Time. H. M.	Central Time. H. M.	Mountain Time. H. M.
Last Quarter	7	3 43 A.M.	2 43 A.M.	1 43 A.M.
New Moon	14	10 17 A.M.	9 17 A.M.	8 17 A.M.
First Quarter	21	0 46 A.M.	11 46 P.M.	10 46 P.M.
Full Moon	29	3 31 P.M.	2 31 P.M.	1 31 P.M.

29d—11 49 P.M. 29d—10 49 P.M.

METRIC SYSTEM OF WEIGHTS AND MEASURES.

TERMS.

The unit measure of length, called *meter*, is the one ten-millionth part of the distance from the equator to the pole.

The unit measure of distance, called *kilometer*, is 1,000 meters.

The unit measure of surface, called *are*, is 100 square meters. Land is measured by *hectares* (100 ares).

The unit measure of capacity is called *liter*, which is 1 cubic decimeter or one-thousandth cubic meter. For larger bulk the kiloliter (1,000 liters) or metric ton is used.

The unit of weight is the *gram*, which is the weight of one cubic centimeter of water at its greatest density. Larger weights are the kilogram (1,000 grams) and the ton (1,000 kilograms).

Decimally decreasing or increasing quantities are expressed by the following prefixes:

Myria	—means 10,000,	thus 1 myriagram = 10,000 grams.
Kilo	—means 1,000,	thus 1 kilogram = 1,000 grams.
Hect	—means 100,	thus 1 hectare = 100 ares.
Deca	—means 10,	thus 1 decaliter = 10 liters.
Deci	—means 0.1,	thus 1 decimeter = 1-10 meter.
Cent	—means 0.01,	thus 1 centiliter = 1-100 liter.
Mill	—means 0.001,	thus 1 millimeter = 1-1000 meter.

THE METRIC SYSTEM AND U. S. STANDARD COMPARED.

LENGTH.

1 millimeter = .0394 inch.	1 inch = 2.5399 centimeters.
1 centimeter = .3937 inch.	1 foot = 30.4794 centimeters.
1 decimeter = 3.9371 inches.	1 yard = .9143 meter.
1 *meter* = 39.3708 inches.	1 mile = 1.6093 kilometers.
1 kilometer = .6214 mile.	1 geographical mile = 1.854 kilometers.

SURFACE.

1 sq. centimeter = .1549 sq. inch.	1 sq. inch = 6.4513 sq. centimeters.
1 sq. meter = 10.7631 sq. feet.	1 sq. foot = .0929 sq. meter.
1 *are* = 119.5894 sq. yards.	1 sq. yard = .8361 sq. meter.
1 hectare = 2.4711 acres.	1 acre = .4047 hectare.

CUBIC.

1 *cubic meter* = 35.3166 cubic feet. 1 cubic foot = .02831 cubic meter.
1 U. S. ton (40 cubic feet) = 32.143 U. S. bushels = 1.1326 cubic meters.

WEIGHT.

1 gram = 15.4323 grains.	1 lb. = .4536 kilogram.
1 *kilogram* = 2.2046 lbs.	1 cwt. = 50.8024 kilograms.
1 ton = 22.0455 lbs.	1 ton = 1016.0483 kilograms.

DRY MEASURE.

1 centiliter = .0181 pint.	1 pint = 55.0661 centiliters.
1 *liter* = .908 quart.	1 quart = 1.1013 liters.
1 hectoliter = 2.837 bushels.	1 bushel = 35.2416 liters.

LIQUID MEASURE.

1 centiliter = .0211 pint.	1 pint = 47.3171 centiliters.
1 *liter* = 1.0567 quarts.	1 quart = .9563 liter.
1 hectoliter = 26.4176 gallons.	1 gallon = 3.7854 liters.

HEIGHTS OF TOWERS, ETC.

Washington Monument, Washington, D. C.	555
City Hall, Philadelphia	537 4 in.
Cologne Cathedral	510–528
Great Pyramid of Ghizeh (Nefchofo)	460–480
St. Nicholas, Hamburg	475
St. Peter's, Rome (dome)	448–472
Strasburg Cathedral	468
Second Pyramid of Ghizeh (Chofo)	447–454
St. Stephen's, Vienna	441–452
Amiens Cathedral	440
Antwerp Cathedral	406
St. Paul's Cathedral, London (dome)	366–404
Salisbury Cathedral	404
Florence Cathedral (dome)	376–393
Freyburg Cathedral	385–412
Milan Cathedral	360
Brussels Town-hall	355–374
Invalides, Paris (dome)	310–346
Torre Asinelli, Bologna	370
St. Isaac, St. Petersburg	336
Frankfort Cathedral	326
Campanile of St. Mark's, Venice	323
Boston Church, Lincolnshire, Eng.	292
Capitol at Washington	287
St. Paul's Cathedral, Buffalo	274
St. Genevieve, Paris	274
Masonic Temple, Philadelphia	230

Two figures are given in cases in which authorities differ.

RECALLING ANCIENT BABYLON.—Whenever we look at a watch or a clock we are reminded of Babylon. The Babylonians knew the decimal system, but for practical purposes counted by the *sossos* of 60 and the *neros* of 60 times 60. Hipparchus, the Greek astronomer, who lived in the second century B. C., accepted this sexagesimal system of reckoning time, Ptolemy took it up in A. D. 150, and it still survives in our clocks and watches, with 60 seconds to the minute, and 60 minutes to the hour.

6th Month. JUNE. 30 Days.

Mean time is used, unless otherwise specified.

D. Y.	D. M.	D. W.	Sun Fast.	M. C.	Boston, New England, New York State, Chicago. Sun Rises.	Sun Sets.	Moon Rises.	N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois. Sun Rises.	Sun Sets.	Moon Rises.	Eastern Standard Time. H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
152	1	Mo.	2	♩	4 25	7 30	10 18	4 33	7 22	10 13	1 39	10 34	3 54
153	2	Tu.	2	♋	4 25	7 31	10 53	4 33	7 23	10 49	2 20	11 14	4 35
154	3	We.	2	♋	4 24	7 32	11 26	4 32	7 23	11 23	3 3	Ev 0	5 18
155	4	Th.	2	♋	4 24	7 32	11 58	4 32	7 24	11 56	3 47	0 46	5 58
156	5	Fr.	2	♋	4 24	7 33	Morn	4 32	7 25	Morn	4 36	1 35	6 42
157	6	Sa.	2	♋	4 23	7 34	0 29	4 32	7 25	0 28	5 29	2 27	7 29
158	7	S	1	♌	4 23	7 34	1 0	4 31	7 26	1 0	6 25	3 23	8 25
159	8	Mo.	1	♌	4 23	7 35	1 31	4 31	7 26	1 32	7 24	4 21	9 26
160	9	Tu.	1	♌	4 23	7 36	2 5	4 31	7 27	2 8	8 23	5 19	10 26
161	10	We.	1	♌	4 22	7 36	2 44	4 31	7 27	2 48	9 20	6 18	11 29
162	11	Th.	1	♍	4 22	7 37	3 29	4 31	7 28	3 34	10 16	7 13	Ev 28
163	12	Fr.	0	♍	4 22	7 37	Sets	4 31	7 28	Sets	11 12	8 5	1 22
164	13	Sa.	0	♍	4 22	7 38	8 17	4 31	7 29	8 11	Morn	9 1	2 16
165	14	S	Slow	♎	4 22	7 38	9 11	4 31	7 29	9 6	0 3	9 54	3 11
166	15	Mo.	0	♎	4 22	7 38	10 0	4 31	7 29	9 56	0 56	10 44	4 4
167	16	Tu.	0	♎	4 22	7 39	10 42	4 31	7 30	10 39	1 49	11 36	4 56
168	17	We.	1	♏	4 22	7 39	11 19	4 31	7 30	11 17	2 40	Morn	5 45
169	18	Th.	1	♏	4 23	7 39	11 52	4 31	7 31	11 51	3 32	0 30	6 32
170	19	Fr.	1	♏	4 23	7 40	Morn	4 31	7 31	Morn	4 25	1 24	7 22
171	20	Sa.	1	♏	4 23	7 40	0 23	4 31	7 31	0 24	5 22	2 20	8 18
172	21	S	2	♐	4 23	7 40	0 54	4 31	7 31	0 56	6 19	3 17	9 16
173	22	Mo.	2	♐	4 23	7 40	1 26	4 32	7 32	1 29	7 15	4 12	10 13
174	23	Tu.	2	♐	4 24	7 40	2 1	4 32	7 32	2 5	8 9	5 6	11 7
175	24	We.	2	♐	4 24	7 40	2 38	4 32	7 32	2 43	8 59	5 57	11 57
176	25	Th.	2	♐	4 24	7 40	3 18	4 32	7 32	3 23	9 47	6 45	Morn
177	26	Fr.	3	♑	4 25	7 40	4 1	4 33	7 32	4 7	10 33	7 29	0 44
178	27	Sa.	3	♑	4 25	7 40	Rises	4 33	7 32	Rises	11 14	8 8	1 24
179	28	S	3	♑	4 25	7 40	8 18	4 34	7 32	8 13	11 53	8 50	2 5
180	29	Mo.	3	♑	4 26	7 40	8 55	4 34	7 32	8 50	Ev 33	9 31	2 47
181	30	Tu.	3	♑	4 26	7 40	9 29	4 35	7 32	9 25	1 13	10 10	3 28

MOON'S PHASES.

	D.	Eastern Time. H. M.	Central Time. H. M.	Mountain Time. H. M.
Last Quarter	5	7 P.M.	6 P.M.	5 P.M.
New Moon	12	7 49 P.M.	6 49 P.M.	5 49 P.M.
First Quarter	19	8 A.M.	7 A.M.	6 A.M.
Full Moon	27	8 48 A.M.	7 48 A.M.	6 48 A.M.
		6 18 A.M.	5 18 A.M.	4 18 A.M.

THE WATER HIGHWAYS OF THE WORLD (in Miles).

	CANALS.	NAVIGABLE RIVERS.	TOTAL.
England	3,124	1,786	4,910
France	3,150	5,240	8,390
Germany	1,320	15,760	17,080
Russia	873	20,942	21,815
Anstria	413	2,925	3,338
Italy	320	1,590	1,910
Spain	270	815	1,085
Belgium	535	710	1,245
Holland	930	340	1,270
Denmark	200	.....	200
Sweden and Norway	100	460	560
Portugal	.....	470	470
Europe	11,235	51,038	62,273
United States	3,330	16,850	.....
Canada	535	2,820	.....
India	2,240	2,600	.....
China	5,270	3,800	.....
Total	22,610	77,108	99,718

In proportion to its size, Belgium has the greatest length of ater-highway, 11 miles for every 100 miles of area, then follows Germany and Holland.

HEIGHTS OF MOUNTAINS.

Mt. Everest, Himalayas	29,000
Kangchinjanga, Himalayas	28,178
Dwawalagiri, Himalayas	26,862
Sorata, Andes, Bolivia	25,250
Mimani, Andes, Bolivia	24,450
Kabra, Himalayas	24,015
Aconcagua, Andes, Chili	23,900
Dunagiri, Himalayas	23,186
Chimborazo, Andes, Ecuador	21,440
Mt. Arequipa (volcano), Andes, Peru	20,320
Cotopaxi (volcano), Andes, Ecuador	19,600
Antisana (volcano), Andes, Ecuador	19,132
Popocatepetl* (volcano), Mexico	17,852
Mt. Elboorz, Caucasus	17,796
Orizaba (volcano), Mexico	17,371
Ararat, Armenia	17,266
Mt. Brown, British America	15,900
Mt. Blanc, Alps	15,751
Mt. Hooker, British America	15,675
Mont Rosa, Alps	15,208
Mt. Whitney, California	15,086
Demavend, Persia	14,700
Pike's Peak, Colorado	14,500
Mt. Ranier, Washington Ter	14,444
Shasta, California	14,442
Finster Aarhorn, Alps	14,026
Mt. Ophir, Sumatra	13,842
Kini Balu, Borneo	13,698
Mt. Dana, California	13,227
Manna Loa (volcano) Sandwich Id.	13,120
Ortler Spitz, Austria	12,811
Long's Peak, Colorado	12,505
Peak of Teneriffe (volcano) Canaries	12,036
The Simplon, Alps	11,541
Mt. Hood, Oregon	11,225
Mt. Maladetta, Pyrenees	11,168
Great St. Bernard, Alps	11,006
Mt. Perdu, Pyrenees	10,994
Etna (volcano) Sicily	10,963
Mt. St. Gothard, Alps	10,595
Mt. Athos, Greece	9,628
Lebanon, Syria	9,520
Mt. Adams, Washington Ter	9,570
Mt. Lomnitz, Austria	8,779
Monte Robondo, Corsica	8,763
Mt. Parnassus, Greece	8,068
Sierra d'Estrella, Portugal	7,524
Blue Mountains, Jamaica	7,500
Sierra del Cobre, Cuba	7,200
Mitchell's Peak, North Carolina	6,707
Mt. Washington, New Hampshire	6,428
Mt. D'Or, France	6,188
Mt. Kosciusko, Australia	6,500
Cevennes, France	5,794
Mt. Katahdin, Maine	5,300
Puy de Dome, France	4,750
Mt. Hamilton, California	4,450
Ben Nevis, Scotland	4,358
Vesuvius (volcano), Italy	3,978
Mt. Diablo, California	3,876
Snowdon, Wales	3,571
Highest known Point in Pennsylvania	2,875
Rock of Gibraltar	1,432

Heights of mountains are at best only approximate. It is probable that higher peaks than Mt. Everest exist in the Himalayas. The heights of European peaks are far better known than those of the Rocky Mountains and of North America generally. Mts. Kenia and Kilimandjavo, East Africa, are probably higher than any peak in Europe. The greatest height yet attained by climbing was a cleft in the summit of Kabra, in the Himalayas, about 24,000 feet, reached by Mr. W. W. Graham, in October, 1883.

*Popocatepetl is now stated to be more than 20,000 feet high.

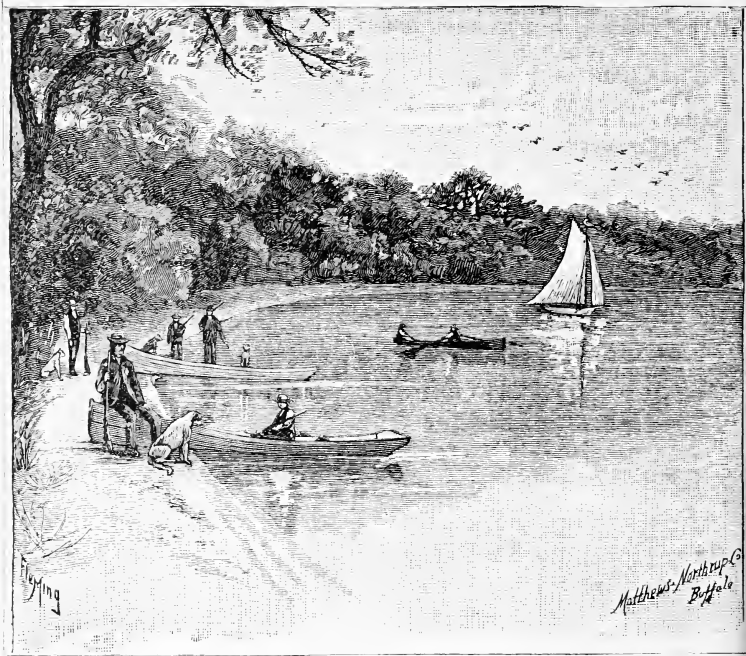
APOSTLES' FATES AND GRAVES.

Matthew suffered martyrdom, or was slain in Ethiopia. Mark was dragged through the streets of Alexandria till he died. Luke was hanged on an olive tree in Greece. John died a natural death. James was beheaded in Jerusalem. James the Less was cast from a pinnacle and then beaten to death with a fuller's club. Philip was hanged against a pillar in Hieropolis, in Phrygia. Bartholomew was flayed alive. Andrew was tied to a cross, from which he preached to the people until he expired. Thomas was run through with a lance. Simon Zealot was crucified in Persia. Jude was shot to death with arrows. Paul was beheaded. Simon Peter was crucified head downwards.

According to Catholic authorities, the bodies of seven apostles rest in Rome; those of Peter, Simon and Jude in the churches named after them; those of James the Less and Philip in the church of the Holy Apostles; that of Bartholomew in the church on his island in the Tiber, and that of Mathias under the altar of the basilica of Santa Maria Maggiore. Three are buried in the territory of Naples, Matthew at Salerno, Andrew at Amalfi, and Thomas at Ortona. Mark is buried at Venice, and Luke at Padua. Paul's body is said to be buried in Italy, and that of James at St. Jago de Compostello, in Spain. The burial place of John the Evangelist is unknown.

POISON IVY.—The poison ivy's leaves grow in clusters of three; when the leaves are in clusters of five the plant is harmless. Children should be taught to associate the cluster of leaves with the five fingers of the hand.

7th Month. JULY. 31 Days.



Mean time is used, unless otherwise specified.

Boston, New England, New York State, Chicago.

N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois.

Eastern Standard Time.

Y. D.	M. D.	D. W.	Sun Slow.	C. M.	Sun Rises.	Sun Sets.	Moon Rises.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
182	1	We.	4	♑	4 27	7 40	10 1	4 35	7 32	9 58	1 53	10 47	4 8
183	2	Th.	4	♑	4 27	7 40	10 31	4 36	7 31	10 29	2 32	11 27	4 47
184	3	Fr.	4	♒	4 28	7 40	11 1	4 36	7 31	11 1	3 14	Ev 12	5 29
185	4	Sa.	4	♒	4 29	7 39	11 32	4 37	7 31	11 33	4 0	0 59	6 10
186	5	S	4	♒	4 29	7 39	Morn	4 38	7 31	Morn	4 51	1 50	6 55
187	6	Mo.	4	♓	4 29	7 39	0 4	4 38	7 31	0 6	5 49	2 47	7 48
188	7	Tu.	5	♓	4 30	7 38	0 39	4 39	7 30	0 42	6 51	3 48	8 51
189	8	We.	5	♓	4 31	7 38	1 19	4 39	7 30	1 23	7 56	4 52	9 59
190	9	Th.	5	♈	4 32	7 38	2 5	4 40	7 30	2 10	8 59	5 57	11 7
191	10	Fr.	5	♈	4 33	7 37	2 59	4 41	7 30	3 5	10 0	6 58	Ev 12
192	11	Sa.	5	♈	4 33	7 37	4 2	4 41	7 29	4 8	10 58	7 52	1 9
193	12	S	5	♉	4 34	7 36	Sets	4 42	7 29	Sets	11 49	8 47	2 2
194	13	Mo.	5	♉	4 35	7 36	8 35	4 42	7 28	8 31	Morn	9 39	2 55
195	14	Tu.	6	♉	4 36	7 35	9 16	4 43	7 28	9 13	0 41	10 26	3 45
196	15	We.	6	♊	4 37	7 34	9 52	4 44	7 27	9 51	1 30	11 13	4 34
197	16	Th.	6	♊	4 38	7 34	10 25	4 45	7 27	10 25	2 19	Morn	5 20
198	17	Fr.	6	♊	4 38	7 33	10 57	4 45	7 26	10 58	3 5	0 3	6 5
199	18	Sa.	6	♋	4 39	7 32	11 30	4 46	7 26	11 33	3 54	0 53	6 51
200	19	S	6	♋	4 40	7 32	Morn	4 47	7 25	Morn	4 46	1 45	7 42
201	20	Mo.	6	♋	4 41	7 31	0 4	4 48	7 24	0 8	5 43	2 41	8 40
202	21	Tu.	6	♌	4 42	7 30	0 40	4 49	7 23	0 45	6 40	3 37	9 38
203	22	We.	6	♌	4 43	7 29	1 19	4 50	7 23	1 24	7 36	4 32	10 34
204	23	Th.	6	♌	4 44	7 28	2 1	4 51	7 22	2 7	8 30	5 27	11 29
205	24	Fr.	6	♍	4 45	7 27	2 46	4 52	7 21	2 52	9 20	6 18	Morn
206	25	Sa.	6	♍	4 46	7 26	3 34	4 53	7 20	3 40	10 6	7 4	0 18
207	26	S	6	♍	4 47	7 25	4 27	4 54	7 19	4 38	10 49	7 44	1 1
208	27	Mo.	6	♎	4 48	7 24	Rises	4 54	7 18	Rises	11 28	8 23	1 39
209	28	Tu.	6	♎	4 49	7 23	8 5	4 55	7 17	8 2	Ev 6	9 5	2 20
210	29	We.	6	♎	4 50	7 22	8 35	4 56	7 16	8 33	0 45	9 43	2 59
211	30	Th.	6	♏	4 51	7 21	9 5	4 57	7 15	9 4	1 24	10 20	3 39
212	31	Fr.	6	♏	4 52	7 20	9 35	4 58	7 14	9 35	2 3	10 57	4 18

MOON'S PHASES.

	D.	Eastern Time.	Central Time.	Mountain Time.
		H. M. A.M. or P.M.	H. M. A.M. or P.M.	H. M. A.M. or P.M.
Last Quarter	5	7 56 A.M.	6 56 A.M.	5 56 A.M.
New Moon	12	0 16 A.M.	11d—11 16 P.M.	11d—10 16 P.M.
First Quarter	18	7 20 P.M.	6 20 P.M.	5 20 P.M.
Full Moon	26	9 23 P.M.	8 23 P.M.	7 23 P.M.

REBECCA AT THE WELL.

8th Month. AUGUST. 31 Days.

Mean time is used, unless otherwise specified.

Boston, New England, New York State, Chicago.

N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois.

Eastern Standard Time.

D.	D. M.	D. W.	Sun Slow.	M. C.	Sun Rises.	Sun Sets.	Moon Rises.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
213	1	Sa.	6	☽	4 53	7 19	10 6	4 58	7 13	10 8	2 44	11 40	5 0
214	2	☉	6	♑	4 54	7 18	10 39	4 59	7 12	10 42	3 29	Ev 27	5 42
215	3	Mo.	6	♑	4 55	7 16	11 16	5 0	7 11	11 20	4 21	1 20	6 28
216	4	Tu.	6	♑	4 56	7 15	11 58	5 1	7 10	Morn	5 20	2 18	7 20
217	5	We.	6	♒	4 57	7 14	Morn	5 2	7 9	0 3	6 26	3 24	8 26
218	6	Th.	6	♒	4 58	7 13	0 47	5 3	7 8	0 52	7 36	4 32	9 38
219	7	Fr.	5	♒	4 59	7 11	1 43	5 4	7 7	1 49	8 43	5 41	10 49
220	8	Sa.	5	♓	5 0	7 10	2 46	5 5	7 6	2 52	9 46	6 44	11 56
221	9	☉	5	♓	5 1	7 9	3 55	5 6	7 5	4 0	10 43	7 38	Ev 55
222	10	Mo.	5	♓	5 2	7 7	Sets	5 7	7 3	Sets	11 33	8 28	1 44
223	11	Tu.	5	♈	5 3	7 6	7 46	5 8	7 2	7 44	Morn	9 18	2 34
224	12	We.	5	♈	5 4	7 4	8 22	5 9	7 0	8 21	0 20	10 4	3 22
225	13	Th.	5	♈	5 5	7 3	8 56	5 10	6 59	8 57	1 7	10 46	4 7
226	14	Fr.	4	♉	5 6	7 2	9 30	5 11	6 58	9 32	1 52	11 32	4 52
227	15	Sa.	4	♉	5 7	7 0	10 4	5 12	6 56	10 7	2 37	Morn	5 36
228	16	☉	4	♉	5 8	6 59	10 39	5 13	6 55	10 43	3 22	0 20	6 21
229	17	Mo.	4	♊	5 10	6 57	11 17	5 14	6 53	11 22	4 12	1 11	7 9
230	18	Tu.	4	♊	5 11	6 56	11 58	5 15	6 52	Morn	5 7	2 5	8 3
231	19	We.	3	♊	5 12	6 54	Morn	5 16	6 51	0 3	6 4	3 2	9 3
232	20	Th.	3	♋	5 13	6 53	0 42	5 17	6 49	0 48	7 2	3 59	10 1
233	21	Fr.	3	♋	5 14	6 51	1 30	5 18	6 48	1 36	7 58	4 54	10 57
234	22	Sa.	3	♋	5 15	6 50	2 21	5 19	6 46	2 26	8 50	5 47	11 47
235	23	☉	2	♌	5 16	6 48	3 15	5 20	6 45	3 20	9 37	6 35	Morn
236	24	Mo.	2	♌	5 17	6 46	4 11	5 21	6 44	4 15	10 21	7 18	0 33
237	25	Tu.	2	♌	5 18	6 45	Rises	5 22	6 42	Rises	11 2	7 56	1 13
238	26	We.	2	♍	5 19	6 43	7 9	5 22	6 41	7 8	11 40	8 36	1 51
239	27	Th.	1	♍	5 20	6 41	7 39	5 23	6 39	7 39	Ev 17	9 16	2 31
240	28	Fr.	1	♍	5 21	6 40	8 10	5 24	6 38	8 11	0 56	9 54	3 11
241	29	Sa.	1	♎	5 22	6 38	8 43	5 25	6 36	8 45	1 37	10 32	3 52
242	30	☉	0	♎	5 23	6 37	9 18	5 26	6 35	9 22	2 19	11 13	4 34
243	31	Mo.	0	♎	5 24	6 35	9 57	5 27	6 33	10 1	3 6	Ev 4	5 21

MOON'S PHASES.

	D.	Eastern Time.	Central Time.	Mountain Time.
		H. M.	H. M.	H. M.
Last Quarter	3	4 56 P.M.	3 56 P.M.	2 56 P.M.
New Moon	10	7 14 A.M.	6 14 A.M.	5 14 A.M.
First Quarter	17	8 47 A.M.	7 47 A.M.	6 47 A.M.
Full Moon	25	0 29 P.M.	11 25 A.M.	10 25 A.M.

PROBABLE POPULATION OF THE WORLD AT END OF 1884.

AMERICA.

Argentine Republic	3,344,000
Bolivia	2,500,000
Brazil	12,300,000
British North America	4,700,000
Central America	2,750,000
Chili	2,500,000
Colombia (United States of)	3,500,000
Ecuador	1,220,000
Guiana	390,000
Mexico	9,850,000
Paraguay	500,000
Peru	3,000,000
Uruguay	450,000
West Indies	4,450,000
Venezuela	2,180,000
United States	55,050,000
	108,664,000

EUROPE.

Austria—Hungary	33,590,000
(Add Bosnia and Herzegovina)	1,350,000
Belgium	5,849,000
Bulgaria	2,186,000
Denmark (including Faroe Isles)	2,038,000
France	38,130,000
Germany	47,820,000
Great Britain and Ireland	36,200,000
Greece	2,090,000
Holland (with Luxemburg)	4,717,000
Italy	28,670,000
Montenegro	240,000
Portugal (with the Azores and Madeira)	4,840,000
Roumania	5,500,000
Russia (with Cis Caucasia)	91,760,000
Servia	1,880,000
Spain (without Canary Isles)	16,600,000
Sweden and Norway	6,615,000
Switzerland	2,930,000
Turkey (immediate possessions)	4,700,000
East Roumelia	940,000
San Marino, Andorra, Monaco and Liechtenstein	34,000
Malta, Gibraltar and Heligoland	172,000
	343,851,000

ASIA.

Arabia (with Aden)	5,030,000
Afghanistan and Kafiristan	4,500,000
Beloochistan	400,000
Chinese Empire	379,680,000
East India Islands	35,200,000
Hindostan and Ceylon	257,520,000
Indo-China	42,600,000
Japan	37,176,000
Persia	7,700,000
Russia in Asia	14,060,000
Turkey	14,900,000
Turkistan	3,080,000
Himalayan States (Nepal, Bhotan and Hill Tribes)	3,500,000
	805,346,000

AFRICA.

Barbary States	12,130,000
Sahara	2,500,000
Egypt and Nubia, etc	17,600,000
Abyssinia	4,500,000
British Possessions	2,700,000
Portuguese Possessions	10,000,000
Congo Basin	45,000,000
Transvaal and Orange River	1,000,000
French Possessions (North-West Africa)	500,000
Galla and Somali Land	15,500,000
Equatorial Africa and Guinea	75,000,000
South Central Africa	16,500,000
Madagascar	3,500,000
	206,430,000

SUMMARY.

America	108,664,000
Europe	343,851,000
Asia	805,346,000
Africa	206,430,000
Australia and Polynesia	4,500,000
	1,468,791,000

PRINCIPAL RELIGIONS.

Buddhists		360,000,000
Brahminists		190,000,000
Christians	Roman Catholics	222,000,000
	Protestants	133,500,000
	Eastern Churches and Abyssinians	110,000,000
Confucius (followers of)		88,000,000
Hebrews		7,000,000
Mohammedans		200,000,000
Shintoists (Japan)		17,000,000

THE SEVEN WONDERS OF THE WORLD.—A name given to seven very remarkable objects of the ancient world, which have been variously enumerated. The following classification is the one most generally accepted; 1. The pyramids of Egypt. 2. The pharos of Alexandria. 3. The walls and hanging gardens of Babylon. 4. The temple of Diana at Ephesus. 5. The statue of the Olympian Jupiter. 6. The mausoleum of Artemisia. 7. The colossus of Rhodes.

BOOKS OF MANY EDITIONS.—According to Sir David Dundas, an eminent authority, the books that, next to the Bible, have gone through the greatest number of editions are the "Imitation of Christ," by Thomas á Kempis, Bunyan's "Pilgrim's Progress," and Mrs. Harriet Beecher Stowe's "Uncle Tom's Cabin."

TWO GREAT EMPIRES.—The British Empire contains 7,750,000 square miles, or five times the area of the Roman Empire, and a population of 235,000,000 souls, or double that of the Roman Empire in its palmiest day. One-sixth of Queen Victoria's subjects are Christians, 11 per cent. are Mohammedans, and 42 per cent. are Hindoos.

POSSIBLE PRODUCT OF ONE BEAN.—A single bean, accidentally planted in the rich, loamy soil of a garden at Southbridge, Mass., yielded 1,515 perfectly developed beans. Had these been sown and yielded a similar crop, the total would have been 2,295,225 beans, or nearly 1834 bushels. And had these been planted, with a like result, the product would have been 5,268,058,800,625 beans, or 42,871,572 bushels, enough to load the Great Eastern full 92 times.

RAPID BREAD-MAKING.—In 1878, James Lawton, of Carrollton, Mo., made bread from standing wheat in 4 min. 37 sec., the grain being cut, threshed, carried ninety yards to the mill, ground and baked into biscuits.

9th Month. SEPTEMBER. 30 Days.

Mean time is used, unless otherwise specified.

Y. D.	M. D.	D. W.	Sun Fast.	M. C.
			M.	
244	1	Tu.	0	♌
245	2	We.	1	♌
246	3	Th.	1	♌
247	4	Fr.	1	♌
248	5	Sa.	2	♌
249	6	☽	2	♌
250	7	Mo.	2	♌
251	8	Tu.	3	♌
252	9	We.	3	♌
253	10	Th.	3	♍
254	11	Fr.	4	♍
255	12	Sa.	4	♍
256	13	☽	4	♍
257	14	Mo.	5	♍
258	15	Tu.	5	♍
259	16	We.	5	♍
260	17	Th.	6	♎
261	18	Fr.	6	♎
262	19	Sa.	6	♎
263	20	☽	7	♎
264	21	Mo.	7	♎
265	22	Tu.	8	♎
266	23	We.	8	♎
267	24	Th.	8	♏
268	25	Fr.	9	♏
269	26	Sa.	9	♏
270	27	☽	9	♏
271	28	Mo.	10	♏
272	29	Tu.	10	♏
273	30	We.	10	♏

Boston, New England, New York State, Chicago.

Sun Rises.	Sun Sets.	Moon Rises.
H. M.	H. M.	H. M.
5 25	6 33	10 42
5 26	6 31	11 34
5 27	6 30	Morn
5 29	6 28	0 32
5 30	6 26	1 36
5 31	6 24	2 45
5 32	6 23	3 56
5 33	6 21	Sets
5 34	6 19	6 51
5 35	6 18	7 25
5 36	6 16	7 59
5 37	6 14	8 35
5 38	6 12	9 13
5 39	6 11	9 54
5 40	6 9	10 37
5 41	6 7	11 24
5 42	6 5	Morn
5 43	6 3	0 14
5 44	6 2	1 7
5 46	6 0	2 2
5 47	5 58	2 59
5 48	5 56	3 58
5 49	5 55	4 58
5 50	5 53	Rises
5 51	5 51	6 44
5 52	5 49	7 18
5 53	5 48	7 57
5 54	5 46	8 41
5 55	5 44	9 30
5 56	5 43	10 25

N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois.

Sun Rises.	Sun Sets.	Moon Rises.
H. M.	H. M.	H. M.
5 28	6 32	10 47
5 29	6 30	11 40
5 30	6 28	Morn
5 31	6 27	0 38
5 32	6 25	1 41
5 33	6 24	2 49
5 34	6 22	3 59
5 35	6 20	Sets
5 36	6 19	6 51
5 36	6 17	7 26
5 37	6 16	8 2
5 38	6 14	8 39
5 39	6 12	9 18
5 40	6 11	9 59
5 41	6 9	10 43
5 42	6 8	11 30
5 43	6 6	Morn
5 44	6 4	0 19
5 45	6 2	1 12
5 46	6 1	2 6
5 47	5 59	3 2
5 48	5 57	4 0
5 49	5 55	4 59
5 50	5 54	Rises
5 51	5 52	6 46
5 52	5 51	7 21
5 53	5 49	8 1
5 54	5 47	8 46
5 55	5 46	9 36
5 56	5 44	10 31

Eastern Standard Time.

H. W. Boston.	H. W. N. Y.	H. W. Phila.
H. M.	H. M.	H. M.
3 59	0 58	6 9
5 1	1 59	7 3
6 10	3 8	8 9
7 21	4 18	9 23
8 30	5 27	10 34
9 30	6 28	11 40
10 24	7 21	Ev 36
11 12	8 6	1 22
11 56	8 54	2 9
Morn	9 38	2 54
0 40	10 20	3 38
1 23	11 1	4 22
2 7	11 48	5 7
2 51	Morn	5 51
3 39	0 38	6 37
4 31	1 30	7 27
5 27	2 25	8 23
6 24	3 21	9 23
7 21	4 18	10 18
8 14	5 11	11 11
9 3	6 1	Morn
9 48	6 46	0 0
10 32	7 28	0 43
11 11	8 5	1 21
11 50	8 48	2 3
Ev 31	9 30	2 45
1 15	10 12	3 30
2 1	10 55	4 16
2 50	11 47	5 6
3 45	Ev 44	5 56

MOON'S PHASES.

	D.	Eastern Time.	Central Time.	Mountain Time.
		H. M. A.M. or P.M.	H. M.	H. M.
Last Quarter	2	3 43 P.M.	2 43 P.M.	1 43 P.M.
New Moon	8	0 15 A.M.	1d—11 15 P.M.	1d—10 15 P.M.
First Quarter	16	1 15 A.M.	0 15 A.M.	15d—11 15 P.M.
Full Moon	24	2 55 A.M.	1 55 A.M.	0 55 A.M.

LEADING CITIES OF THE WORLD.

The following gives the Population of the Cities of the World which are known to have more than 200,000 inhabitants:

Alexandria (Egypt)	1883	208,775
Amsterdam (Holland)	1882	350,201
Baltimore (Md.)	1880	332,313
Bangkok (Siam)	Est.	4–600,000
Barcelona (Spain)	1877	248,943
Belfast (Ireland)	1881	208,122
Benares (India)	1881	207,570
Berlin (Prussia)	1880	1,122,330
Birmingham (Eng.)	1882	408,532
Bombay (India)	1881	773,196
Bordeaux (France)	1881	221,305
Boston (Mass.)[1]	1880	362,839
Bradford (Eng.)	1882	200,158
Breslen (Prussia)	1880	272,912
Bristol (Eng.)	1881	206,874
Brooklyn (N. Y.)	1880	566,663
Bucharest (Roumania)	1 79	221,000
Buda-Pest (Austria)	1880	360,551
Buenos Ayres (Arg. Rep.)	1882	295,000
Cairo (Egypt)	1883	368,108
Calcutta (India)[2]	1881	790,236
Canton (China)	Est.	1,600,000
Chicago (Ill.)	1880	503,185
Cincinnati (O.)[3]	1880	284,859
Constantinople (Turkey)	Est.	6–700,000
Copenhagen (Denmark)[4]	1880	273,523
Dresden (Saxony)	1880	220,818
Dublin (Ireland)	1882	348,293
Edinburgh (Scotland)[5]	1881	289,358
Foutcheou or Foochew (China)	Est.	630,000
Glasgow (Scotland)	1881	511,532
Hamburg (Germany)[6]	1880	410,127
Hankow (China)	Est.	600,000
Hyderabad (India)	1881	263,005
Kioto (Japan)	1881	239,425
Leeds (Eng.)	1881	309,119
Lisbon (Portugal)[7]	1878	246,843
Liverpool (Eng.)	1882	560,377
London (Eng.)[8]	1882	3,893,272
Lucknow (India)	1881	261,485
Lyons (France)	1881	376,613
Madras (India)	1881	406,112
Madrid (Spain)	1877	397,816
Manchester (Eng.)[9]	1881	517,649
Marseilles (France)	1881	360,099
Melbourne (Australia)	1881	282,947
Mexico (Mex.)	Est.	250,000
Milan (Italy)[10]	1881	321,839
Moscow (Russia)	1882	750,867
Munich (Bavaria)	1880	230,023
Naples (Italy)[10]	1881	494,314
New Orleans (La.)	1880	216,090
New-York[11]	1880	1,206,299
Ningpo (China)	Est.	260,000
Odessa (Russia)	1882	217,000
Osaka (Japan)	1881	293,686
Palermo (Italy)[10]	1881	244,991
Paris (France)	1881	2,269,023
Pekin (China)[12]		500,000
Philadelphia (Pa.)[13]	1880	847,170
Pittsburg (Pa.)[14]	1880	235,071
Rio Janeiro (Brazil)[15]	1872	274,972
Rome (Italy)[10]	1881	300,467
San Francisco (Cal.)	1880	233,959
St. Louis (Mo.)	1880	350,518
St. Petersburg (Russia)	1881	927,467
Shanghai (China)	Est.	350,000
Sheffield (Eng.)	1881	284,508
Sydney (Australia)	1881	224,211
Takao or Taiwan (China)	Est.	235,000
Tient-tsin (China)	Est.	950,000
Tokio (Japan)	1881	823,557
Turin (Italy)[10]	1881	252,832
Vienna (Austria)[16]	1880	1,103,857
Warsaw (Russian Poland)	1882	406,261

The population of the large cities of China can only be considered as an approximation, as no accurate census is taken. For this reason only a few ports are given.

[1]The population of Boston, including Cambridge and Chelsea, was 437,290 in 1880.

[2]With suburbs.

[3]With Covington.

[4]With suburbs.

[5]With Leith.

[6]With the fifteen neighboring communes. Hamburg proper had 289,859 inhabitants in 1880.

[7]With Belem and Olivaes.

[8]The population of the Police District of London was 4,764,312 in 1881.

[9]With Salford.

[10]The population of the commune is given in all the Italian cities.

[11]New-York, with Brooklyn, Jersey City, Hoboken and Long Island City, had a population of 1,941,812 in 1880.

[12]The population of Pekin is variously estimated at from 500,000 up to 1,650,000, with the probabilities greatly in favor of the smaller figure.

[13]Philadelphia, with Camden, contained 888,829 inhabitants in 1880, and at the present time probably has nearly a million.

[14]With Allegheny City.

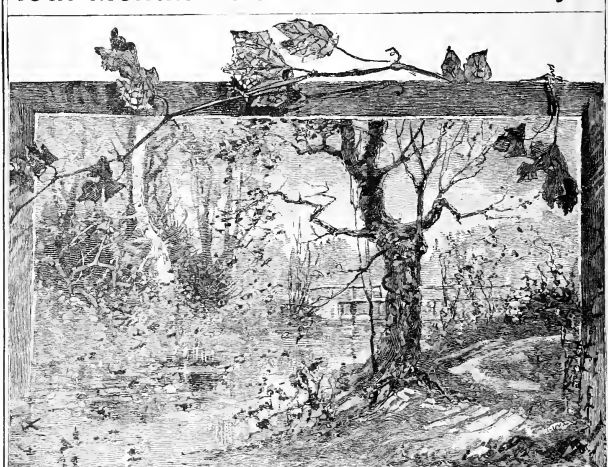
[15]With suburbs.

[16]With the 35 neighboring communes.

JOHN DOE AND RICHARD ROE.

The 24th of October, 1852, witnessed the deaths of two individuals who, though *personally* unknown to anyone, enjoyed a most extensive reputation. Through the whole length and breadth of England no persons were more frequently referred to (in legal documents) than John Doe and Richard Roe. Their connection with the landed property appeared to be both universal and multiform. In every process of ejectment, instead of the real parties to the suit being named, *John Doe*, plaintiff, sued *Richard Roe*, defendant. Their names were also inserted in criminal proceedings as pledges to prosecute. This well-known fiction appears to have been introduced into English legal practice about the time of Edward III., in consequence, it is said, of a provision of *Magna Charta* which required the production of witnesses before every criminal trial. John Doe and Richard Roe were thenceforth inserted as the names of the alleged witnesses. In 1852 sentence of death, to take effect on 24th of October of that year, was passed on the two illustrious personages just mentioned, and it was ordered that thereafter the proper names of parties to the suit should be inserted in the writ.

10th Month. OCTOBER. 31 Days.



Mean time is used, unless otherwise specified.					Boston, New England, New York State, Chicago.			N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois.			Eastern Standard Time.		
D. Y.	D. M.	D. W.	Sun Fast.	M. C.	Sun Rises.	Sun Sets.	Moon Rises.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
274	1	Th.	11	☐	5 58	5 41	11 26	5 57	5 43	11 31	4 49	1 47	6 53
275	2	Fr.	11	☐	5 59	5 39	Morn	5 58	5 41	Morn	5 57	2 55	7 56
276	3	Sa.	11	☐	6 0	5 37	0 32	5 59	5 39	0 37	7 6	4 3	9 7
277	4	S	11	☐	6 1	5 36	1 40	6 0	5 38	1 44	8 10	5 7	10 14
278	5	Mo.	12	☐	6 2	5 34	2 50	6 1	5 36	2 53	9 8	6 6	11 17
279	6	Tu.	12	☐	6 3	5 32	4 0	6 2	5 35	4 1	10 1	6 59	Ev 13
280	7	We.	12	☐	6 4	5 31	5 8	6 3	5 33	5 8	10 48	7 43	1 0
281	8	Th.	13	☐	6 5	5 29	Sets	6 4	5 31	Sets	11 30	8 25	1 41
282	9	Fr.	13	☐	6 7	5 27	6 30	6 5	5 30	6 33	Morn	9 11	2 26
283	10	Sa.	13	☐	6 8	5 25	7 8	6 6	5 28	7 12	0 12	9 53	3 10
284	11	S	13	☐	6 9	5 24	7 47	6 7	5 27	7 52	0 55	10 33	3 53
285	12	Mo.	14	☐	6 10	5 22	8 29	6 8	5 25	8 35	1 38	11 16	4 37
286	13	Tu.	14	☐	6 11	5 21	9 16	6 9	5 23	9 22	2 22	Morn	5 22
287	14	We.	14	☐	6 13	5 19	10 6	6 10	5 22	10 12	3 7	0 5	6 6
288	15	Th.	14	☐	6 14	5 17	10 58	6 11	5 20	11 3	3 56	0 55	6 52
289	16	Fr.	14	☐	6 15	5 16	11 52	6 12	5 19	11 57	4 47	1 46	7 42
290	17	Sa.	15	☐	6 16	5 14	Morn	6 13	5 17	Morn	5 43	2 41	8 38
291	18	S	15	☐	6 17	5 13	0 48	6 14	5 16	0 52	6 39	3 36	9 35
292	19	Mo.	15	☐	6 18	5 11	1 46	6 15	5 14	1 49	7 33	4 29	10 28
293	20	Tu.	15	☐	6 19	5 10	2 45	6 17	5 13	2 47	8 24	5 21	11 21
294	21	We.	15	☐	6 21	5 8	3 46	6 18	5 11	3 46	9 12	6 10	Morn
295	22	Th.	16	☐	6 22	5 7	4 49	6 19	5 10	4 48	9 58	6 56	0 10
296	23	Fr.	16	☐	6 23	5 5	5 53	6 20	5 9	5 51	10 43	7 38	0 55
297	24	Sa.	16	☐	6 24	5 4	Rises	6 21	5 8	Rises	11 26	8 21	1 36
298	25	S	16	☐	6 25	5 2	6 37	6 22	5 6	6 42	Ev 10	9 8	2 23
299	26	Mo.	16	☐	6 26	5 1	7 25	6 23	5 5	7 30	0 58	9 56	3 13
300	27	Tu.	16	☐	6 28	5 0	8 20	6 24	5 4	8 26	1 48	10 43	4 3
301	28	We.	16	☐	6 29	4 58	9 21	6 25	5 3	9 27	2 40	11 36	4 56
302	29	Th.	16	☐	6 30	4 57	10 25	6 26	5 1	10 30	3 36	Ev 35	5 48
303	30	Fr.	16	☐	6 32	4 55	11 31	6 28	5 0	11 35	4 37	1 36	6 43
304	31	Sa.	16	☐	6 33	4 54	Morn	6 29	4 58	Morn	5 43	2 41	7 42

MOON'S PHASES.	D.	Eastern Time.	Central Time.	Mountain Time.
		H. M.	H. M.	H. M.
Last Quarter	1	6 29 A.M.	5 29 A.M.	4 29 A.M.
New Moon	8	6 25 P.M.	5 25 P.M.	4 25 P.M.
First Quarter	15	6 4 A.M.	5 4 A.M.	4 4 A.M.
Full Moon	23	7 38 P.M.	6 38 P.M.	5 38 P.M.
Last Quarter	30	6 58 P.M.	5 58 P.M.	4 58 P.M.

AUTUMN LEAVES.

11th Month. NOVEMBER. 30 Days.

Mean time is used, unless otherwise specified.				Boston, New England, New York State, Chicago.			N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois.			Eastern Standard Time.		
D. Y.	D. M.	D. W.	Sun Fast.	Sun Rises.	Sun Sets.	Moon Rises.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
305	1	S	16	6 34	4 52	0 39	6 30	4 57	0 42	6 47	3 44	8 47
306	2	Mo.	16	6 35	4 52	1 47	6 31	4 56	1 49	7 47	4 44	9 50
307	3	Tu.	16	6 36	4 50	2 54	6 32	4 55	2 54	8 43	5 41	10 49
308	4	We.	16	6 38	4 49	4 1	6 34	4 54	4 0	9 35	6 33	11 45
309	5	Th.	16	6 39	4 48	5 6	6 35	4 53	5 4	10 22	7 19	Ev 34
310	6	Fr.	16	6 40	4 47	6 11	6 36	4 52	6 8	11 6	7 59	1 16
311	7	Sa.	16	6 42	4 46	Sets	6 37	4 51	Sets	11 47	8 44	1 59
312	8	S	16	6 43	4 45	6 23	6 38	4 50	6 28	Morn	9 27	2 42
313	9	Mo.	16	6 44	4 44	7 8	6 40	4 49	7 14	0 28	10 8	3 26
314	10	Tu.	16	6 45	4 42	7 56	6 41	4 48	8 2	1 11	10 49	4 9
315	11	We.	16	6 47	4 41	8 47	6 42	4 47	8 52	1 54	11 33	4 53
316	12	Th.	16	6 48	4 40	9 40	6 43	4 46	9 45	2 37	Morn	5 36
317	13	Fr.	15	6 49	4 40	10 35	6 44	4 45	10 39	3 22	0 20	6 19
318	14	Sa.	15	6 51	4 39	11 31	6 45	4 44	11 34	4 10	1 9	7 2
319	15	S	15	6 52	4 38	Morn	6 46	4 43	Morn	4 59	1 57	7 52
320	16	Mo.	15	6 53	4 37	0 29	6 47	4 42	0 31	5 53	2 51	8 47
321	17	Tu.	15	6 54	4 36	1 29	6 48	4 41	1 30	6 47	3 44	9 43
322	18	We.	15	6 55	4 35	2 31	6 49	4 41	2 31	7 41	4 37	10 39
323	19	Th.	14	6 57	4 35	3 35	6 51	4 40	3 33	8 34	5 31	11 34
324	20	Fr.	14	6 58	4 34	4 40	6 52	4 40	4 37	9 25	6 23	Morn
325	21	Sa.	14	6 59	4 33	5 47	6 53	4 39	5 43	10 16	7 13	0 28
326	22	S	14	7 0	4 33	Rises	6 54	4 38	Rises	11 5	7 58	1 15
327	23	Mo.	13	7 2	4 32	6 8	6 55	4 38	6 14	11 53	8 50	2 5
328	24	Tu.	13	7 3	4 32	7 9	6 57	4 37	7 15	Ev 44	9 42	2 58
329	25	We.	13	7 4	4 31	8 14	6 58	4 37	8 19	1 37	10 32	3 52
330	26	Th.	12	7 5	4 31	9 21	6 59	4 36	9 26	2 30	11 25	4 45
331	27	Fr.	12	7 6	4 30	10 30	7 0	4 36	10 33	3 24	Ev 22	5 38
332	28	Sa.	12	7 7	4 30	11 39	7 1	4 36	11 41	4 21	1 20	6 28
333	29	S	11	7 8	4 29	Morn	7 2	4 35	Morn	5 21	2 19	7 21
334	30	Mo.	11	7 9	4 29	0 47	7 3	4 35	0 48	6 21	3 19	8 21

MOON'S PHASES.	D.	EASTERN TIME.	CENTRAL TIME.	MOUNTAIN TIME.
New Moon	6	H. M. 4 56 P.M.	H. M. 3 56 P.M.	H. M. 2 56 P.M.
First Quarter	14	4 56 P.M.	3 56 P.M.	2 56 P.M.
Full Moon	22	4 39 P.M.	3 39 P.M.	2 39 P.M.
Last Quarter	28	6 57 P.M.	5 57 P.M.	4 57 P.M.

MASON AND DIXON'S LINE.—A name given to the southern boundary line of Pennsylvania. It was surveyed by Charles Mason and Jeremiah Dixon between 1763 and 1767.

FOOT CAUGHT IN A "FROG."—If, while walking on a railroad track, you get your foot caught in a "frog," don't get excited and tug. Put your heel down, and draw your foot backward. If the sole of the boot is fixed, slip off the boot.

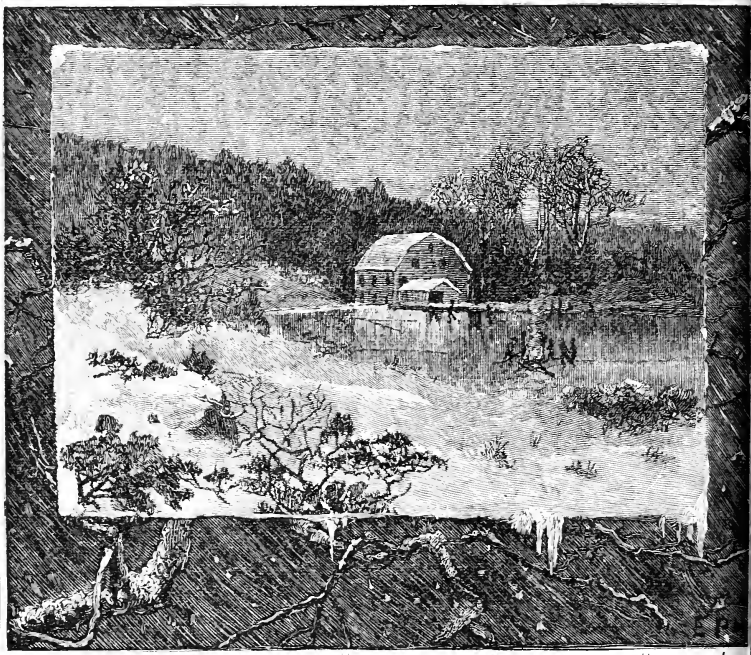
ST. NICHOLAS, the patron saint of boys, is said to have been bishop of Myra, and to have died in the year 326. The young were universally taught to revere him, and the popular fiction which represents him as the bearer of presents to children, on Christmas eve, is well known. He is the Santa Claus (or Klaus) of the Dutch.

LIBERTY CAP.—This symbol of liberty is very ancient. According to the Roman legend, when Saturninus seized the capital at Rome, in the first century before Christ, he raised a cap on the point of a spear as a sign of freedom to all slaves who should join him. A similar expedient was often adopted subsequently, and in modern times the crowning of a liberty-pole with a cap is a relic of the old custom.

WHICH PART OF A WHEEL MOVES THE FASTEST?—The top. This has been demonstrated by instantaneous photographs of horses trotting at a 2.24 gait, the exposure of the plate lasting the two-thousandth part of a second. The lower third of each wheel is shown sharp and distinct as if at rest, while the upper portion of the spokes and rims are blurred.

THANKSGIVING MORNING.

12th Month. DECEMBER. 31 Days.

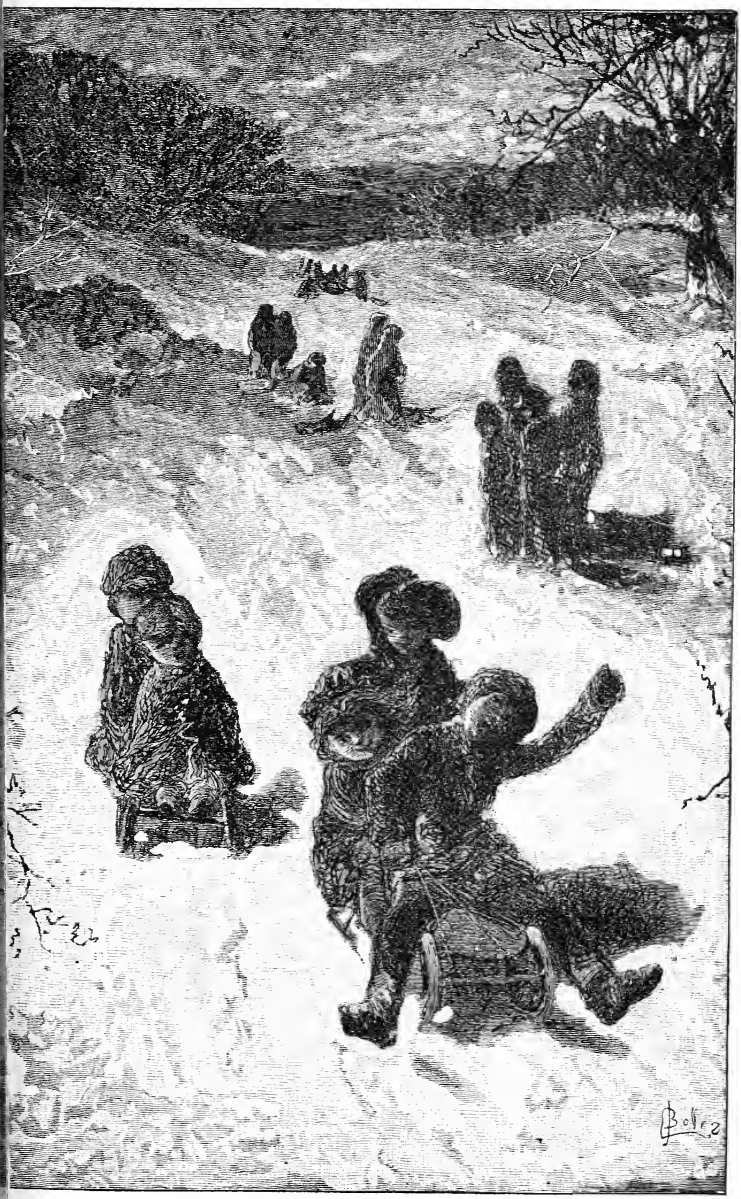


Mean time is used, unless otherwise specified.

D. Y.	D. M.	D. W.	Sun Fast.	M. C.	Boston, New England, New York State, Chicago. Sun Rises.	Sun Sets.	Moon Rises.	N. Y. City, Phila., Penna., Ohio, Indiana, and Illinois. Sun Rises.	Sun Sets.	Moon Rises.	Eastern Standard Time. H. W. Boston.	H. W. N. Y.	H. W. Phila.
			M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
335	1	Tu.	11	♍	7 10	4 28	1 53	7 4	4 35	1 53	7 21	4 18	9 23
336	2	We.	10	♍	7 11	4 28	2 57	7 5	4 35	2 55	8 16	5 13	10 20
337	3	Th.	10	♎	7 12	4 28	4 0	7 6	4 35	3 57	9 7	6 5	11 16
338	4	Fr.	9	♎	7 13	4 28	5 1	7 7	4 34	4 57	9 55	6 53	Ev 7
339	5	Sa.	9	♏	7 14	4 28	6 1	7 8	4 34	5 56	10 42	7 37	0 53
340	6	S	8	♏	7 15	4 28	Sets	7 9	4 34	Sets	11 23	8 17	1 33
341	7	Mo.	8	♐	7 16	4 28	5 48	7 10	4 34	5 54	Morn	9 2	2 17
342	8	Tu.	8	♐	7 17	4 28	6 38	7 11	4 34	6 44	0 4	9 44	3 0
343	9	We.	7	♑	7 18	4 28	7 31	7 11	4 34	7 36	0 46	10 23	3 41
344	10	Th.	7	♑	7 19	4 28	8 26	7 12	4 34	8 31	1 26	11 3	4 24
345	11	Fr.	6	♒	7 20	4 28	9 21	7 13	4 34	9 25	2 9	11 46	5 5
346	12	Sa.	5	♒	7 21	4 28	10 18	7 14	4 34	10 21	2 49	Morn	5 45
347	13	S	5	♓	7 21	4 28	11 16	7 14	4 35	11 18	3 32	0 30	6 25
348	14	Mo.	5	♓	7 22	4 29	Morn	7 15	4 35	Morn	4 18	1 17	7 10
349	15	Tu.	4	♓	7 23	4 29	0 16	7 15	4 36	0 16	5 8	2 6	8 1
350	16	We.	4	♈	7 23	4 29	1 16	7 16	4 36	1 15	6 2	3 0	8 59
351	17	Th.	3	♈	7 24	4 29	2 18	7 17	4 36	2 16	6 58	3 55	10 0
352	18	Fr.	3	♉	7 25	4 30	3 24	7 17	4 37	3 21	7 57	4 53	11 1
353	19	Sa.	2	♉	7 26	4 30	4 31	7 18	4 37	4 27	8 54	5 51	Morn
354	20	S	2	♉	7 26	4 31	5 39	7 18	4 38	5 34	9 50	6 48	0 2
355	21	Mo.	1	♊	7 26	4 31	Rises	7 19	4 38	Rises	10 46	7 41	0 58
356	22	Tu.	1	♊	7 27	4 32	5 54	7 19	4 39	6 0	11 39	8 35	1 50
357	23	We.	0	♊	7 27	4 32	7 3	7 20	4 39	7 8	Ev 31	9 30	2 45
358	24	Th.	Slow	♋	7 28	4 33	8 14	7 20	4 40	8 18	1 23	10 20	3 38
359	25	Fr.	1	♋	7 28	4 34	9 26	7 21	4 40	9 29	2 15	11 9	4 30
360	26	Sa.	1	♌	7 29	4 34	10 36	7 21	4 41	10 37	3 6	Ev 3	5 21
361	27	S	2	♌	7 29	4 35	11 44	7 21	4 42	11 44	3 58	0 57	6 8
362	28	Mo.	2	♌	7 29	4 36	Morn	7 21	4 42	Morn	4 54	1 52	6 57
363	29	Tu.	3	♍	7 29	4 36	0 49	7 22	4 43	0 48	5 52	2 50	7 51
364	30	We.	3	♍	7 30	4 37	1 53	7 22	4 43	1 50	6 50	3 47	8 50
365	31	Th.	4	♍	7 30	4 38	2 55	7 22	4 44	2 51	7 46	4 43	9 49

MOON'S PHASES.

	D.	Eastern Time.	Central Time.	Mountain Time.
		H. M.	H. M.	H. M.
New Moon	6	5 15 A.M.	4 15 A.M.	3 15 A.M.
First Quarter	14	1 15 P.M.	12 15 P.M.	11 15 A.M.
Full Moon	21	3 58 P.M.	2 58 P.M.	1 58 P.M.
Last Quarter	28	7 22 A.M.	6 22 A.M.	5 22 A.M.



WINTER SPORT.

THE RECORD AND ITS HOME.

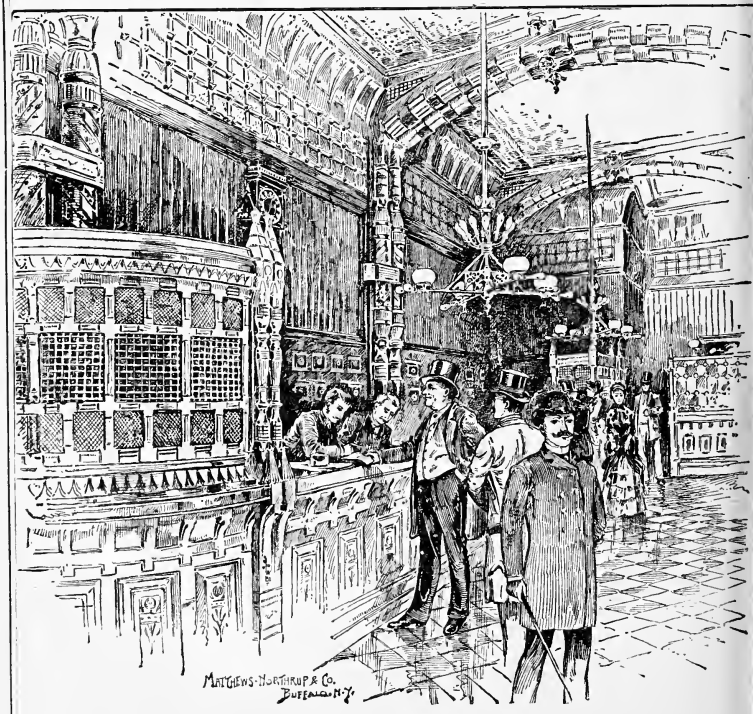
Very few of THE RECORD's readers realize that the paper which they buy every morning for one cent represents an investment of nearly one million dollars—covering cost of pulp and paper mill, office building and presses, all of which are owned and operated by Mr. William M. Singerly. During the year which ended April 30, 1884, and which was the seventh under the present control, 33,323,317 copies of the week-day issue of THE RECORD were printed, giving a daily average of 106,125 copies. No morning papers, excepting the New-York *Sun* and the New-York *Herald*, approach these figures. THE RECORD ranks not more than ninth among the newspapers of the world in point of circulation. No Philadelphia paper can compare with it for diversity of circulation throughout the United States. No other newspaper is so comfortably housed. No other newspaper is so completely equipped as to include the preparation of the pulp and the making of the white paper within its control. No paper-making machine of similar size turns out as much paper as does THE RECORD's sixty-two-inch machine. In all the United States there is not a light as brilliant as that given out by the electric lamp which is suspended from the front of THE RECORD building. No other printing establishment in Philadelphia receives news by pneumatic tube, THE RECORD's pipe being the longest in use here, and the only one laid under the streets of the city. It is therefore with much pride that THE RECORD puts forward the following claims:

First, THE RECORD has the largest circulation of any morning newspaper published in America, excepting the New-York *Sun* and the New-York *Herald*.

Second, THE RECORD has the most diversified circulation of any newspaper published in Philadelphia.

Third, THE RECORD has a larger circulation outside of Philadelphia than all the other morning papers of the city combined.

Fourth, THE RECORD has a larger circulation within the limits of Philadelphia than any other daily newspaper.



PUBLICATION OFFICE.

WILLIAM M. SINGERLY'S OFFICE.

Fifth, THE RECORD has a larger circulation in the State of New Jersey than any paper published in that State.

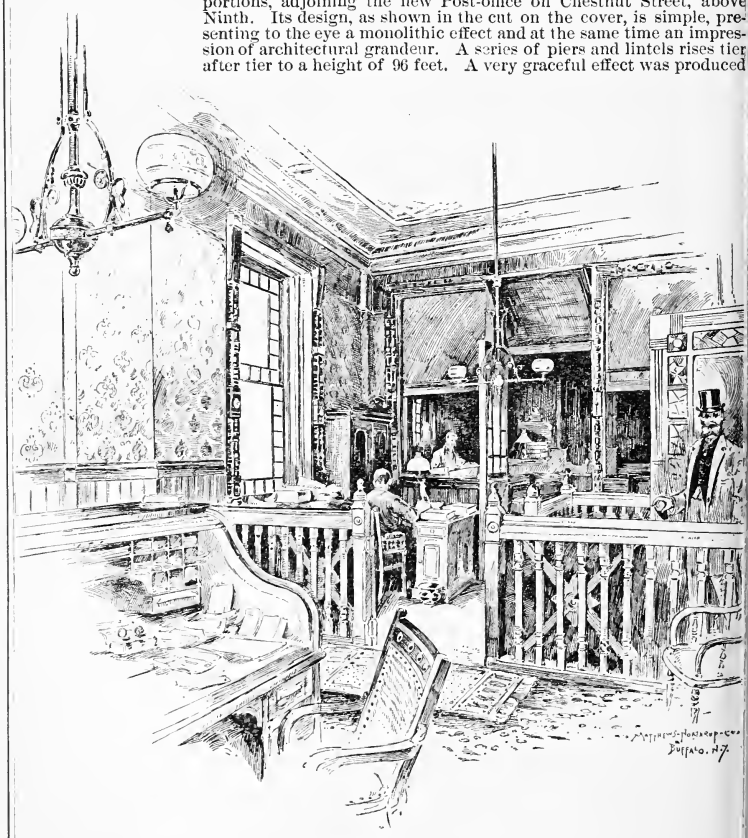
Sixth, THE RECORD has a larger circulation in Camden than all the Camden and other Philadelphia papers combined.

When the paper went into the hands of the present publisher its daily circulation was 5,200; in the four succeeding months the circulation advanced to 35,000, and its present enormous patronage of about 107,000 daily and 115,500 on Saturday marks a career which is unparalleled in the history of any journalistic enterprise. The various stages of its advance are thus noted:

CIRCULATION ON APRIL 30 OF EACH YEAR.

1877	5,200 copies.	1882	92,988 copies.
1878	40,946 copies.	1883	100,318 copies.
1879	51,245 copies.	1884	106,644 copies.
1880	62,225 copies.	1884, October 31	107,700 copies.
1881	75,400 copies.		

The home of THE RECORD is in a granite building of massive proportions, adjoining the new Post-office on Chestnut Street, above Ninth. Its design, as shown in the cut on the cover, is simple, presenting to the eye a monolithic effect and at the same time an impression of architectural grandeur. A series of piers and lintels rises tier after tier to a height of 96 feet. A very graceful effect was produced



BUSINESS OFFICE.

by curving the eastern corner of the front at the projection from the Post-office line whereby the stiff appearance of an angular corner was avoided. In contrast with the severely classic effect of the Post-office, the general finish of the front of THE RECORD building is marked by no rigid adherence to classic details. The structure is surmounted by an ornamental balustrade of original and artistic design, and a tower rises forty-one fee

from the cornice, making an altitude from the foundation to the top of the building of 137 feet. The entrance is flanked on each side by a group of triple columns in two sections, each column being 16 inches in diameter, surmounted by massive projecting piers which batter to the pilasters above. These pillars are of polished dark-blue Quincy granite. The sashes of the windows are Queen Anne in general style, bordered with stained-glass squares. The interior of the building is a marvel of completeness in the details necessary to make a perfect publication office. Six stories and a basement comprise the floor space of the edifice, the major part of which is taken up with the different departments that go to form the working force of a great daily newspaper.

The publication office is unexcelled for beauty of appearance and fitting appointments. It opens on Chestnut Street, at the curve of the

MANAGING EDITOR'S ROOM.

CITY EDITOR'S ROOM.

building front. The massive doors are richly carved with scroll-work decorations in bronze. At night, with the flood of electric lights in full blast, the sight is impressive. Cherry-finished hard woods, closely paneled, range seven feet high. Large panels of cherry and chestnut rise above, while beyond them is an elegant cornice, with ample frieze. The flooring is of black and white marble, with a border of Swanton chocolate and black marble tiles. The ceiling is decorated with Lincrusta Walton, that shows bright flowers and trailing vines in a wealth of color. The counter, running from end to end on the west side, is constructed of mahogany, with a cherry front. A commodious desk, with a screened elevation, is located at each extremity. A row of speaking tubes at the rear end of the counter gives communication with every part of the building, and telephones connect the office with all sections of the city for the convenience of THE RECORD's patrons. Pneumatic tubes connect with the Western Union building, at Tenth and Chestnut Streets, for the quick transmission of Associated Press news, and also with the editorial and composing rooms.

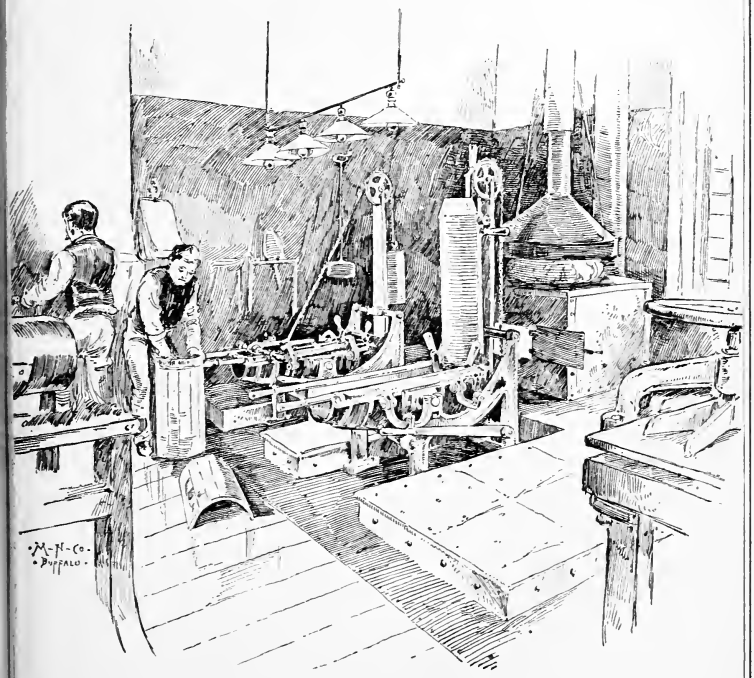
The private offices of the proprietor are located on the first floor, separated from the counting-room by the stairway. When the Messrs. Appleton published their subscription book entitled "Artistic Houses," containing phototypes of 200 of the finest rooms to be found in the country, they apportioned ten to Philadelphia. Three pictures were taken from Mr. George W. Child's country home at Wootton, three from Mrs. Bloomfield H. Moore's residence on South Broad Street, and one of the remaining four was a view of Mr. Singerly's apartment in THE RECORD building. It is at the end of a suite of three rooms. It is beautifully finished in French walnut, cherry and white holly, and is wainscoted seven feet from the floor. The stiles and panels are delicately carved. One of the corners, at the south end, is embellished with a mantel, and the other by a washstand, both forming magnificent room decorations. Beveled mirrors extend above the lavatory, and still further up is a cabinet of carved cherry and French walnut, with clear beveled plate glass. On the walls hang interesting studies of handsome faces, while grouped around the room with charming taste are rare pieces of statuary and bronze. The ceiling is frescoed

and the walls decorated with Lincrusta Walton in copper bronze, with a relief of greenish silver.

On the second floor, above these rooms, are the quarters of the Business Manager, the book-keeper and all the figure men of the establishment. The Editorial Department is located on the fifth floor. The editor-in-chief is located in a quiet nook at the northern end of the building, adjoining the library. At the southern end of the building are the rooms of the managing and financial editor and of the editorial writers. On the east side, next to the front, is the room occupied by Mr. George A. Singerly. Adjoining this is the file-room, where are preserved in an ingenious and compact form all the back numbers of THE RECORD and the principal exchanges that are received daily from all parts of the country. Next to the managing editor's room, on the west side, are the quarters of the telegraph and night editor, the commercial editor, the State news editor, and the chronicler of events occurring in the State of New Jersey. The city editor and the corps of reporters occupy large and airy quarters at the extreme northern end of the building, numerous speaking tubes and a telephone being conspicuous features of the equipment of these rooms. An interesting object to visitors in the city editor's room is a large copper-plate, mounted on an easel. It is the original engraving from which were printed the bogus medical diplomas that were sold in all parts of the world, to the detriment of the city's fame and to the mortification of the reputable schools of medicine located here. THE RECORD stopped this infamous practice.

The composing room occupies two-thirds of the sixth story. There are sixty iron composing frames and four immense imposing stones in the room, and each compositor is provided with an individual wardrobe. Three tons of type, which are required to print THE RECORD, are distributed in the compositors' and in the sort and advertising cases.

Back of the composing room, on the sixth floor, is the stereotyping department, which is one of the most complete establishments of its kind in the world. It is supplied with the latest improved machinery, which is arranged to afford the greatest convenience to the workmen in preparing the counterfeit presentments of the types. Duplicates of most of the machinery are provided, so that no delay will be experienced in case of accident or emergency. The impression of the movable types is made upon *papier mache* from which all the plates that go on the presses are cast. It takes but twelve minutes after the last page is received from the composing room to prepare the two plates necessary to complete the complement of one press; each succeeding pair of plates requires but three



STEREOTYPE ROOM.

minutes for preparation. Two tons of type metal are always in use in this room, and the plates after being used are melted again and again.

The press room is one of the most interesting and important departments of the establishment. Here are four of Hoe's latest perfecting presses, the most magnificent printing machines in use anywhere. Each of these presses can print, cut and fold a two, four or eight-page paper of THE RECORD size at a speed of 30,000 four-page papers an hour, giving a combined capacity at their greatest speed of 120,000 four-page papers, printed and folded, every sixty minutes, or 2,000 every minute.

A flood of light streams through THE RECORD building at night, to the great comfort of the busy midnight toilers. There are three hundred and seventy-two Edison electric incandescent lamps scattered throughout the establishment, all of which can be lighted in an instant by the turning of a switch. There are only two other places in Philadelphia that have a greater number of lamps in service than THE RECORD, and they are extensive manufactories.

Over 1,400 tons of RECORDS were issued during its seventh year. Had these papers been stretched in a continuous straight line they would have covered a distance equal to the circumference of the earth at the equator and would have put ten girdles around the moon. In square feet the paper used would have covered an area of ten square miles, enough to have tented in the whole of the built-up portion of Philadelphia. The reader who glances down one column, and then runs his eye over the next column, and so on through the entire sheet, would possibly express surprise if he were told, what is true, that if these columns of sound wisdom and bright news were strung together in a straight line, end to end, they would stretch from the top of THE RECORD tower to the cupola on the residence of the man in the moon and back again to the City of Brotherly Love. The 1,248,640,000 columns would be sufficient to have placed four columns on every railroad tie used in the 125,000 miles of road now operated in the United States. Allowing that each of the 33,323,317 copies issued during the year was read an hour each by the subscriber, his wife and mother-in-law, THE RECORD afforded its patrons over 11,414 years of steady reading, each reader regaling himself with 93,000 news items. Each paper issued represents the harmonious working of 271 men, although an additional force of 344 persons (exclusive of newsboys) must be brought into service before every paper is distributed—the entire force numbering 615.

A census of the establishment gives the following table:

Editorial department	14	Engineers' department	4
Reportorial department	15	Delivery department	14
Regularly paid contributors and correspondents	36	Delivery wagons	6
Composing room	57	Paper mill	42
Stereotyping department	6	Pulp mill	42
Mail printing	2	Carriers	87
Business department	17	Agents	243
Building	8	Total	615
Press room	22		

WEATHER SIGNS AND PROVERBS.

PROVERBS RELATING TO ANIMALS, ETC.

Bull.—If the bull leads the van in going to pasture, rain must be expected; if he is careless and allows the cows to precede him, the weather will be uncertain.

Cat.—If the cat basks in the sun in February, she will go again to the stove in March. When cats snore, look for foul weather; when they wash themselves, for fair. Cats purr and wash; dogs eat grass; sheep eat eagerly and turn in the direction of the wind-point; oxen snuff the air, and swine are restless before rain. Cats have the reputation of being weather-wise, an old notion which has given rise to a most extensive folk-lore. It is almost universally believed that good weather may be expected when the cat washes herself, but bad when she licks her coat against the grain, or washes her face over her ears, or sits with her tail to the fire. As, too, the cat is supposed not only to have a knowledge of the state of the weather, but a certain share in the arrangement of it, it is considered by sailors to be most unwise to provoke a cat. Hence, they do not much like to see a cat on board at all, and when one happens to be more frisky than usual they have a popular saying that the cat has a gale of wind in her tail. A charm often resorted to for raising a storm is to throw a cat overboard; but, according to an Hungarian proverb, as a cat does not die in water its paws disturb the surface; hence, the flaws on the surface of the water are named by sailors "cat's-paws." In the same way, also, a large flurry on the water is a "cat's-skin;" and in some parts of England a popular name for the stormy northwest wind is the "cat's-nose."

Cattle.—When a storm threatens, if cattle go under trees it will be a shower; if they continue to feed, it will probably be a continuous rain. (New England.) When cows bellow in the evening, expect snow that night. In Texas, when cattle hasten to timber, expect a "norther." When cows refuse to go to pasture in the morning, it will rain before night. When cattle collect near the barn long before night and remain near the barn till late

VIRGIN PRAIRIE, RED RIVER VALLEY.

in the morning, expect a severe winter. Expect rain when cattle low and gaze at the sky.

Deer.—When deer are in gray coat in October, expect a severe winter.

Donkey.—When the donkey blows his horn 'tis time to house your hay and corn.

Goat.—The goat will utter her peculiar cry before rain.

Ground Hog.—In many countries the belief prevails that certain animals come from their holes or winter quarters on Candlemas Day, February 2, and if the sun shines so that they can see their own shadows they go back for six weeks. If, on the contrary, they see no shadow they know that spring is at hand. The ground hog (woodchuck), bear and badger are credited with this weather wisdom. An observer reports that for 23 years he has not known this sign to fail.

Hogs.—Hogs pick and store straws, leaves, etc., before cold weather. When they rub themselves in winter, it indicates an approaching thaw. If the forward end of a pig's welt is thicker than the other end, the first part of the winter will be the colder, and *vice versa*.

Horses.—When horses stretch out their necks and snuff the air, or assemble in the corner of a field with their heads to leeward, expect rain.

Mole.—When the mole throws up the earth, rain follows soon.

Muskrat.—The higher and warmer the muskrat makes his house, the earlier and the longer will the winter be.

Rabbits.—Rabbits seek the woods before a severe storm.

Rats and Mice.—Rats and mice make much noise before rain.

Squirrels.—When squirrels and other small animals lay up larger stores of food than usual, expect a long and severe winter.

Sheep.—If sheep ascend hills and scatter, expect clear weather. Sheep bleat and seek shelter before snow. You may shear your sheep when the elder blossoms peep.

PROVERBS RELATING TO BIRDS.

General.—When birds of passage arrive early in their southern passage, then severe weather may be looked for soon. A dry summer will follow when birds build their nests in exposed places. Birds and fowl oiling feathers indicate rain. If birds in the autumn grow tame, the winter will be too cold for game.

Bats.—Bats flying late in the evening indicate fair weather. Bats who speak flying tell of rain to-morrow. If bats flutter and beetles fly about, there will be a fine morrow.

Blackbirds.—Blackbirds bring healthy weather.

Chickens.—When chickens crow before sundown, it is a sign of rain next day. If during rain they pay no attention to it, expect a continued rain; if they run to shelter, it won't last long.

Cocks.—Before rain cocks clap their wings in an unusual manner. If the cock moult before the hen, we shall have weather thick and thin; but if the hen moult before the cock, we shall have weather hard as a block.

Cranes.—Cranes follow the last frost.

Crows.—One crow flying alone indicates foul weather; if crows fly in pairs, expect it fine. If crows fly south, expect a severe winter; if north, the reverse.

Dove.—Don't plant your corn when the turtle-dove cries.

Fowls.—When fowls collect together and pick or straighten their feathers, expect a change of weather. When fowls roost in day-time, expect rain.

Geese.—Wild geese fly high in pleasant weather and low in bad. Geese wash themselves before rain. When geese and ducks go into the water and flap their wings, throwing the water over their backs, rain is approaching. When geese or ducks stand on one leg, expect cold weather. To read the winter of any year take the breast-bone of a goose hatched during the preceding spring. The bone is translucent and it will be found to be colored and spotted. The dark color and heavy spots indicate cold. If the spots are of light shade and transparent, wet weather, rain, or snow may be looked for.

Gulls.—Gulls circle high and cry shrilly before a storm.

Loon.—Hunters say that the direction in which the loon flies in the morning will be the direction of the wind next day.

Martins.—No killing frost after martins.

Owls.—Owls hooting foretell rain. If they scream in foul weather, it will change to fair. (When an owl hoots or screeches, sitting on the top of a house, or by the side of a window, it is said to foretell death.)

Parrots.—Parrots and canaries dress their feathers and are wakeful the evening before a storm.

Peacock.—When the peacock loudly howls, we shall have both rain and squalls.

Quail.—When quails are heard in the evening, expect fair weather next day.

Robins.—First robins indicate the approach of spring. Their loud and long singing in the morning denotes rain. Robins perch on the topmost branches of trees and whistle when a storm is approaching.

Sparrows.—Sparrows fly in flocks before rain.

Swallows.—Swallows flying low, or circling, indicate rain. When the swallow's nest is high, the summer will be very dry; when the swallow buildeth low, you can safely reap and sow.

Turkeys.—Turkeys gobble loudly before rain.

Wrens.—When wrens are seen in winter, expect snow.

PROVERBS RELATING TO CLOUDS, ETC.

General.—Soft-looking, delicate clouds foretell fine weather with weak, moderate, or light breezes. Hard-edged, oily-appearing clouds, wind. A dark, gloomy, blue sky indicates wind; a bright, blue sky, clear fine weather. Generally the softer the clouds the less wind. Small inky clouds foretell rain. Anvil-shaped clouds are likely to be followed by a gale of wind.

Curdly Sky.—A curdly sky will not be twenty-four hours dry.

Cross-wind Clouds.—If you see clouds going across wind, there is a storm in the air.

Equinox.—If it blows in the day, it generally hushes toward evening.

East Wind.—If rain falls during an east wind, it will continue a full day.

Evening and Morning.—Evening red and morning gray will set the traveler on his way. But evening gray and morning red will bring down rain upon his head.

Fair Weather.—If the sky beyond the clouds is blue, be glad, there is a picnic for

you. When there is enough clear sky to patch a Dutchman's breeches, expect fair weather.

Horizontal Clouds.—Narrow, horizontal red clouds after sunset in the west indicate rain before thirty-six hours.

June.—It never clouds up a June night for a rain.

Mackerel Sky.—Mackerel sky, mackerel sky, never long wet, never long dry. Mackerel scales and mare's tails make lofty ships carry low sails.

Red Sky.—When clouds are gathered towards the sun at setting, with a rosy hue, they foretell rain.

Storm.—If clouds look like they had been scratched by a hen, get ready to reef your topsails then.

West Clouds.—Brassy clouds in the west at sunset indicate wind. "When ye see a cloud rise out of the west, straightway ye say, There cometh a shower, and so it is."—*Luke xii., 54.*

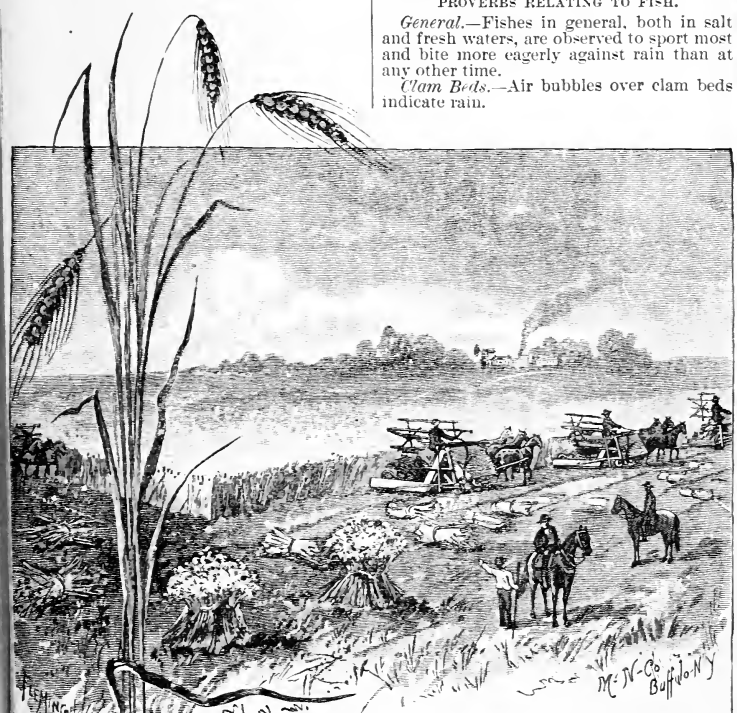
PROVERBS RELATING TO DEW, ETC.

The absence of dew for three days indicates rain. Heavy dew indicates fair weather. Clouds without dew indicate rain. If there is a heavy dew and it soon dries, expect fine weather; if it lies long on the grass, expect rain in twenty-four hours. With dew before midnight the next day will sure be bright. If you wet your feet with the dew in the morning, you may keep them dry for the rest of the day.

PROVERBS RELATING TO FISH.

General.—Fishes in general, both in salt and fresh waters, are observed to sport most and bite more eagerly against rain than at any other time.

Clam Beds.—Air bubbles over clam beds indicate rain.



HARVESTING SCENE, RED RIVER VALLEY.

Eels.—If eels are very lively, it is a sign of rain.

Fish and Flies.—When fish jump up after flies expect rain.

Fish and the Moon.—Fish bite the best when the moon is in the tail.

Pike.—When pike lie on the bed of a stream quietly, expect rain or wind.

PROVERBS RELATING TO FOG OR MIST.

The number of August fogs indicate the number of winter mists. A fog in February indicates a frost in the following May. He that would have a bad day must go out in the fog after a frost. So many mists in March we see, so many frosts in May shall be; so many fogs in August we see, so many

snows that year shall be. A winter's fog will freeze a dog. When the fog goes up the mountains, you may go hunting; when it comes down the mountain, you may go fishing. In the former case it will be fair; in the latter it will rain.

PROVERBS RELATING TO FROST.

Bearded frost is a forerunner of snow. Frost occurring in the dark of the moon kills fruits, buds and blossoms, but frosts in the light of the moon will not. The first frost of the season comes six weeks after we hear the first katydid. There will be as many frosts in June as there are fogs in February. Moonlight nights have the hardest frosts. Spider-webs floating at autumn sunset bring a night frost—on that you can bet. Three white frosts and then a storm. A high wind prevents frost.

PROVERBS RELATING TO INSECTS.

Ants, etc.—Ants are busy, gnats bite, crickets are lively, spiders come out of their nests, and flies gather in houses just before rain.

Bees.—Bees will not swarm before a near storm. A bee was never caught in a shower.

Cockroaches.—When cockroaches fly, it is a sign of approaching rain.

Fleas.—When eager bites the thirsty flea, clouds and rain you sure shall see

Flies.—A fly on your nose you slap, and it goes; if it comes back again it will bring a good rain. Flies coming into the house in great numbers denote rain.

Gnats.—When gnats dance in February, the husbandman becomes a beggar.

Hornets.—Hornets build nests high before warm summers. When hornets build their nests near the ground, expect a cold and early winter.

Spiders.—When spiders' webs in air do fly the spell will soon be very dry. Spider webs scattered thickly over a field covered with dew glistening in the morning sun indicate rain. When spiders work at their webs in the morning expect a fair day. Spiders strengthening their webs indicate rain.

PROVERBS RELATING TO THE MOON.

A full moon in April brings frost. Plant your beans when the moon is light, and you will find that this is right; plant potatoes when it is dark—to this rule you must always hark. The further the moon is to the south, the greater the drought; the further the west, the greater the flood, and the further northwest, the greater the cold. When the horns of the moon are sharp, it indicates dry weather. A dry moon is far north and soon seen. If the moon changes with the wind in the east, the weather during that moon will be foul. If the full moon rises clear, expect fine weather. The fifth day of the new moon indicates the general character of the weather until the fall of the moon. The moon with a circle brings water in her beak; the larger the halo about the moon, the sooner the rain may be expected. If the new moon appears with the points of the crescent turned up, the month will be dry; if the points are turned down, it will be wet. A new moon with a north wind will hold until the full. Full moon in October without frost, no frost until full moon in November. In the old of the moon, a cloudy morning means a fair afternoon. The old moon seen in the new moon's arms is a sign of fair weather. If the full moon rise pale, expect rain; if red, expect wind. As many days as the moon is old at the first snow, so many snows before crop-planting time. The rising or setting of the moon will be followed by a decrease in the storm then prevailing. The Thursday before the moon changes rules the moon.

PROVERBS RELATING TO PLANTS.

Aspen.—The trembling of the aspen leaf in calm weather indicates an approaching storm.

Berries.—When the bushes are full of berries, a hard winter is on the way.

Beans.—Be it weal, or be it woe, beans must blow ere May doth go.

Corn.—A double husk on corn indicates a severe winter.

Clover.—Clover leaves turned up so as to show the light under-side, indicate approaching rain.

Flowers.—When the perfume of flowers is unusually perceptible, rain may be expected.

Leaves.—If the leaves are slow to fall, expect a cold winter.

Late Blossoms.—Late blossoms indicate a good fruit year, early ones the reverse.

Mushrooms.—When mushrooms spring up in the night, expect rain.

Sycamore.—The sycamore tree peeling white in the fall, indicates a cold winter.

Sunflower.—The sunflower raising its head indicates rain.

Trees.—Trees grow dark before a storm.

PROVERBS RELATING TO RAIN.

Evening red and morning gray are sure signs of a fine day; evening gray and morning red, put on your hat, or you'll wet your head. If it rains before seven, 'twill clear before eleven. Rains from the south prevent the drouth, but rains from the west are always best. If it rains before sunrise, expect a fair afternoon. If it rains when the sun shines, it will rain the next day. Rain is likely to commence on the turn of the tide. Marry the rain to the wind, and you have a calm. If rain commences before daylight, it will hold up before 8 A. M.; if it begins about noon, it will continue through the afternoon; if it commences after 9 P. M., it will rain the next day; if it clears off in the night, it will rain the next day; if the wind is from the northwest or southwest, the storm will be short; if from the northeast, it will be a hard one; if from the northwest, a cold one, and from the southwest a warm one.

PROVERBS RELATING TO RAINBOWS.

The rainbow has but a bad character; she ever commands the rain to cease. If there is a rainbow at eve, it will rain and leave. A rainbow at night is the sailor's delight; a rainbow in the morning is the sailor's warning. If a rainbow disappears suddenly, it indicates fair weather.

PROVERBS RELATING TO REPTILES.

Frogs singing in the evening indicate fair weather for next day. Croaking frogs in spring will be three times broken in. The louder the frogs the more the rain. Tree-frogs croaking during rain indicate its continuance. When worms creep out of the ground in great numbers, expect wet weather. Hang up a snake-skin and it will bring rain. (Snakes are out before rain, and are, therefore, more easily killed.) A leech

placed in a jar of water will remain at the bottom until rain is approaching, when it will rise to the surface, and if thunder is to follow will frequently crawl out of the water.

PROVERBS RELATING TO METEORS, ETC.

Comets bring cold weather. If there be many falling stars during a clear evening in summer, expect thunder. When the stars begin to huddle, the earth will soon become a puddle. The edge of the Milky Way which is the brightest, indicates the direction from which the approaching storm will come.

PROVERBS RELATING TO SNOW.

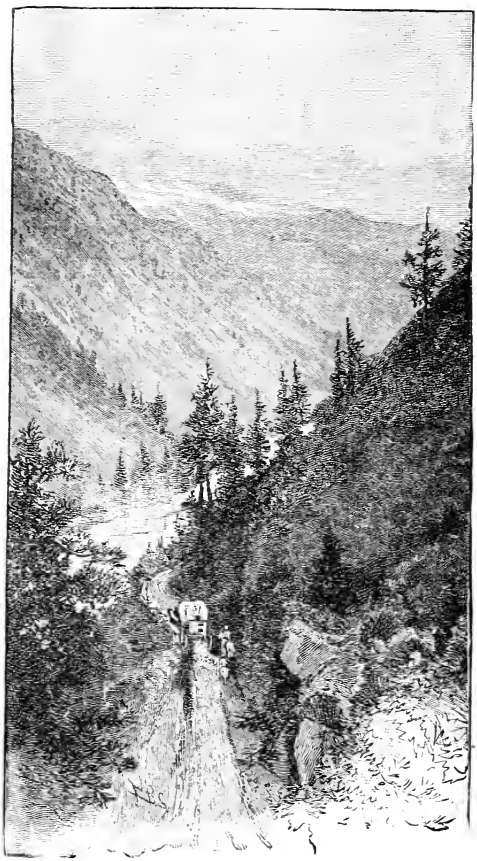
When the snow falls dry it means to lie; but flakes light and soft do bring rain oft. When now in the ditch the snow doth lie, 'tis waiting for more by and by. When dry leaves rattle on the trees expect snow. When snow falls in the mud, it remains all winter. If the snow-flakes increase in size, a thaw will follow. Snow is the poor man's fertilizer; the more of it the better the crops. A snow year, a rich year. A white Christmas, a lean graveyard.

PROVERBS RELATING TO THE SUN.

When the sun draws water, rain follows soon. If the sun shines on Easter, it will shine on Whit Sunday. If the sun sets pale, it will rain on the morrow. A red sun has water in his eye. The wind goes down with the sun. Sun-dogs indicate cold weather in winter, or storm in summer. Sun-shining shower won't last half an hour. Between the hours of ten and two, will show you what the day will do.

PROVERBS RELATING TO THUNDER AND LIGHTNING.

Winter thunder is to old folks death, and to young folks plunder. Early thunder, early spring. Thunder in the fall indicates a mild, open winter. Thunder and lightning in February or March—a poor maple sugar year. Forked lightning at night, the next day clear and bright. The first thunder of the year awakes the frogs and snakes from their winter sleep. Lightning in the north in summer is a sign of heat. With a north wind it seldom thunders. Lightning in spring indicates a good fruit year.



YELLOWSTONE CAÑON.

PROVERBS RELATING TO WIND.

The sharper the blast, the sooner 'tis past. Where the wind is on Candlemas Day, there it will stick till the end of May. If the wind backs against the sun, trust it not, for back it will run. Fog and mist raise higher seas than wind. No weather is ill if the wind is still. Wind storms usually subside about sunset, but if they do not the storm will probably continue during the following day. Always a calm before a storm. Every wind has its weather. The west wind always brings wet weather, the east wind cold and wet together, the south wind surely brings us rain, the north wind blows it back again. When the wind is in the northwest, the weather is at its best; but if the rain comes out of the east, 'twill rain twenty-four hours at least. When the wind is in the

north, the skillful fisher goes not forth; when the wind is in the east, 'tis good for neither man nor beast; when the wind is in the south, it blows the bait in the fish's mouth; but when the wind is in the west, there it is the very best.

PROVERBS RELATING TO YEARS AND SEASONS.

A late spring is a great blessing. A late spring never deceives. When the oak puts on his goslin gray 'tis time to sow barley, night or day. If the old year goes out like a lion, the new year will come in like a lamb. Sow beans in the mud, and they will grow like a wood. In spring a tub of rain makes a teaspoonful of mud; in autumn a spoonful of rain makes a tub of mud. Christmas in mud, Easter in snow. A wet spring, a dry harvest. Thunder in spring, the cold will bring.

PROVERBS RELATING TO MONTHS, WEEKS AND DAYS.

January.—If grass grows in January, it will grow badly the whole year.

February.—When the cat in February lies in the sun, she will again creep behind the stove in March. When the north wind does not blow in February, it will surely come in March. For every thunder with rain in February, there will be a cold spell in May.

March.—If March comes in with adder's head, it goes out with peacock's tail. A bushel of March dust is worth a king's ransom. A windy March and a rainy April make a beautiful May. So many frosts in March, so many in May. March comes in like a lion and goes out like a lamb.

April.—April showers bring May flowers. A cold, moist April fills the cellar and fattens the cow.

May.—Dry May brings nothing. A May flood never did good. A swarm of bees in May is worth a load of hay; a swarm of bees in June is worth a silver spoon; but a swarm of bees in July is not worth a fly.

June.—A dripping June sets all things in tune.

July.—If the first of July be rainy weather, 'twill rain more or less for three weeks together.

August.—When it rains in August, it rains honey and wine.

September.—Fair on the first of September, fair the entire month.

October.—Warm October, cold February.

November.—If the ice in November will bear a duck, nothing thereafter but sleet and muck.

December.—A warm Christmas, a cold Easter. As the day lengthens, so the cold strengthens.

MISCELLANEOUS PROVERBS.

The first three days of any season rule its weather. When there are three days cold, expect three days colder. There is never a Saturday without some sunshine. Sunday clearing, clear till Wednesday. Rain on Easter gives slim fodder. Rain on first dog-day, it will rain for forty days thereafter. Have on Candlemas Day (February 2) half your wood and half your hay. Bells are heard at greater distances before rain. When corns ache, rain follows. When smoke doesn't rise, there is rain in the skies.

DR. JANNER'S REASONS FOR NOT GOING HUNTING.

The hollow winds begin to blow,
The clouds look black, the glass is low,
The soot falls down, the spaniels sleep,
And spiders from their cobweb's peep,
Last night the sun went pale to bed,
The moon in haloes hid her head,
The boding shepherd heaves a sigh,
For, see! a rainbow spans the sky.
The walls are damp, the ditches smell,
Closed is the pink-eyed pimpernel.
Hark! how the chairs and tables crack;
Old Betty's joints are on the rack.
Loud quack the ducks, the peacocks cry,
The distant hills are looking nigh.
How restless are the snorting swine!
The busy flies disturb the kine,
Low o'er the grass the swallow wings;
The cricket, too, how sharp he sings;
Puss on the hearth, with velvet paws,
Sits wiping o'er her whiskered jaws;
Through the clear streams the fishes rise,
And nimbly catch the incautious flies;
The glowworms, numerous and bright,
Illumined the gloomy dell last night;
At dusk the squalid toad was seen
Hopping and crawling o'er the green.
The whirling dust the wind obeys,
And in the rapid eddy plays;
The frog has changed his yellow vest,
And in a russet coat is dressed.
Though June, the air is cold and still,
The mellow blackbird's voice is shrill;
My dog, so altered in his taste,
Quits mutton-bones on grass to feast;
'Twill surely rain — I see, with sorrow,
Our jaunt must be put off to-morrow.

HOUSE-CLEANING HINTS.

Mix some plaster of paris in an old cup with cold water till a not too stiff paste is formed. Fill with it all the cracks and mend all the broken places in walls that are to be whitewashed. This will serve to preserve the walls in good condition, besides adding to the beauty of their appearance. Mix but little of the plaster at a time, as it sets or hardens very quickly and soon becomes unmanageable. Use a thin, broad-bladed knife to apply with, excepting where cracks are in the corner of a room, in which case you will be obliged to use your fingers.

For a good common whitewash, take a piece of stone lime as large as a child's head, having it new and entirely unslacked, and put it into an iron kettle that will hold a pailful. Pour over it a few quarts of boiling water at night; cover and let stand till morning; then fill up with water and set on the stove. Add a handful of salt, and stir occasionally till hot. Pour off into a pail, and if too thick add more water. Allow it to become cool before using, as the smoke will strike through worse if used hot. For a nicer whitewash use Spanish white, about ten pounds for an ordinary room. Pour warm water over it, and let it stand for a few hours. Melt four ounces of white glue in a little water and add.

To clean papered walls, tie a soft, dry cloth about a broom, and go over the paper, brushing and rubbing lightly on every part. To paper walls that have been whitewashed, wet the wall thoroughly with strong vinegar or alum water, and when dry brush it all

LAKE PEETS

over hard with a stiff broom. Use a paste made of starch, moderately thick, and apply to the paper cold.

Save up your tea-grounds for a few days before house-cleaning time, then steep half an hour in a tin basin, strain and use this tea for cleaning varnished woodwork and pictures and looking-glass frames. For cleaning white paint, take a small quantity of whiting on a damp flannel cloth, and run lightly over the surface, rinsing with clear water, and wiping dry.

Use old tooth or nail brushes for cleaning the corners of window-sash. If the bristles are worn out at the end, cut off the brush half way, or down to where the bristles are long and stiff. Old brushes are also excellent for cleaning smoky and greasy lamp-burners. Remove the wick, put the burner into a basin of hot suds, and scrub inside and out with the brush. Afterward scour with fine coal ashes, rinse, wipe dry and polish with a flannel rag. They will look equal to new. Tea-kettles or other tinware which has become blackened and dull from long use should also be scoured with coal ashes, from which every bit of coal and coarse ashes have been sifted. Wash afterward in a good hot soapsuds and wipe dry. Do not repeat the scouring often, but wash frequently in clean hot suds with a clean soft cloth, and they will keep bright for a good length of time.

Cover work-tables with oilcloth. It will save you much scraping and scouring. Cover pantry shelves also, or at least such of them as are most used. Stretch a piece of it back of your kitchen sink, as spatters are much more easily wiped from it than from paper or wall.

Never set ironware in the sink or on the work-table while cleaning it, nor yet on the stove, thus scorching your hands and face while scraping out. Even if you wash these things in an outside kitchen, do not set them on benches or tables there. It is untidy, and makes a great deal of disagreeable and needless cleaning. Keep large squares of thick pasteboard hung convenient to slip under pots, kettles, stew-dishes and spiders whenever you have occasion to set them down. You have no idea how much "crocking" of benches and tables it will save. Cut a small hole near one corner of the square to hang it up by, and when too much blackened, burn up and replace with new. Or the pasteboards may be covered with oilcloth, in which case they can be washed at pleasure and used to an indefinite length of time.

Apply a heavy coat of paint on kitchen or pantry floors; this saves the housekeeper a great deal of hard scrubbing. Renew woodwork frequently with fresh paint and varnish; these are great beautifiers, and will save in labor and time fully as much as they cost. A few dollars' worth applied to window and door screens, before they are adjusted for the season, will add greatly to their appearance as well as to their durability.

THE LAUNDRY.

By adding two parts of cream of tartar to one part of oxalic acid, ground fine and kept dry in a bottle, you will find by applying a little of the powder to rust stains, while the article is wet, that the result is much quicker and better. Wash out in clear warm water to prevent injury to the goods.

Cold rain water and soap will take out machine grease when other means would not be advisable on account of the colors "running," etc.

Turpentine, in small quantities, may be used to great advantage in boiling white clothes, as it improves the color, and the boiling drives off all odor. Resin in soap is quite another thing; it injures and discolors some goods and shrinks woolens. Soap-men argue that the turpentine in the resin assists the washing. It is used for a "filler" and to make soap hard and cheap.

Kerosene will soften leather belts or boots that have become hard from exposure. It is good for the harness when hard from rain or dampness. Wash it off with warm water, then grease with good animal oil.

Keep baking soda in the ironing room; it gives instant relief to a burn or scald. Apply, either dry or wet, to the burned part immediately.

The Javelle water, often met with in works on cleaning and dyeing, is made of one gallon of water and four pounds of ordinary washing soda. Boil for five or ten minutes, and then add one pound of chloride of lime. Let cool and keep corked in a jug or tight vessel.

When acid has been dropped on any article of clothing liquid ammonia will kill the acid, and then by applying chloroform you will restore the color in most cases.

Cyanide of potassium will remove all indelible inks whose base is nitrate of silver. It is a deadly poison. Turpentine or alcohol, rubbed in hot, removes the new inks, using soda and soap freely in hot water afterward.

To restore mildewed linen take soft soap and powdered chalk in equal quantities and rub all over the discolorations. Spread the linen in the sun for an hour or two and then wash off.

A teaspoonful of borax put in the last water in which clothes are rinsed will whiten them surprisingly. Pound the borax so that it will dissolve easily. This is especially good to remove the yellow which time gives to garments.

Beeswax and salt will make rusty flat irons as clean and smooth as glass. Tie a lump of wax in a rag and keep it for that purpose. When the irons are hot rub them first with the wax rag, then scour with a paper or cloth sprinkled with salt.

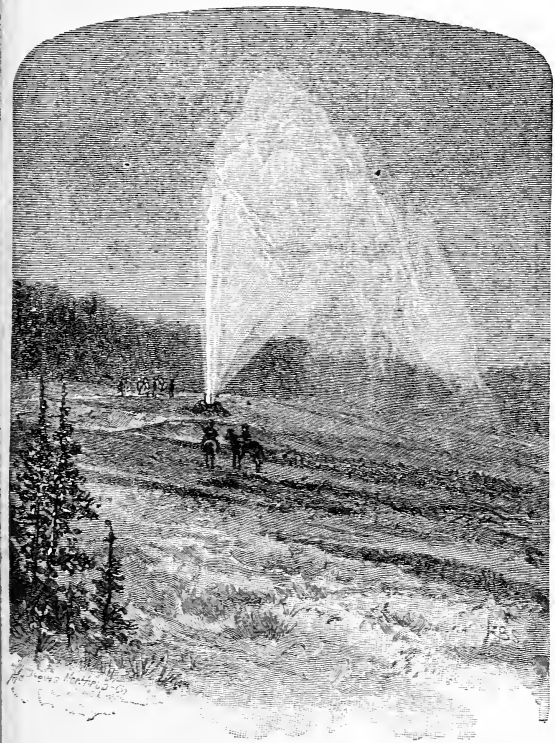
Fruit stains may be removed by freezing.

Never put a hot iron directly upon silk, it takes the life out of it.

Cuffs that are laundried at home often fail to please because they are ironed out flat, and when the buttons are put in the cuffs blister and wrinkle. Iron the cuffs till they are perfectly dry, then take the broad end of the flat iron and, pressing very hard on the edge, slowly go over the length of the cuff; it will roll as the iron leaves it.

A good barrel and pounder are great aids in the washing of bedding. Make good warm suds in the barrel, and put in the quilts, one at a time, the best or lightest colored first. If fearful of colors fading, make your first suds very salty, putting through second suds after; then take out in tub of clear, slightly warm water, rinse, wring dry through the wringer, and hang upon the

line. Turn and handle the bedding carefully, and pound gently so as not to break the quilting or tear and lump the cotton. Woolen blankets may also be pounded out more easily than they can be rubbed in a tub. Have an abundance of water, and it is imperative that it is soft and clear. Make suds of it with good old soft soap, and not too strong. Have the suds as hot as you can hold your hand in. When pounded clean, wring out and lay loosely in a tub; pour boiling water over and let it stand until moderately cool, pressing down into the water occasionally with the pounder. Put through the wringer and hang in a good breeze.



BEE HIVE GEYSER, YELLOWSTONE NATIONAL PARK.

FOR HOUSEKEEPERS.

When soaking salt fish before cooking add a little vinegar to the water. It improves the fish.

Steel knives which are not in general use may be kept from rusting if they are dipped in a strong solution of soda—one part water to four of soda—then wipe dry, roll in flannel and keep in a dry place.

Fish may be scaled much easier by first dipping into boiling water. Fish may as well be scaled, if desired, before packing down in salt, though in that case do not scald them. Salt fish are quickest and best freshened by soaking in sour milk.

For "greasing the griddle," cut a white turnip in half and rub the griddle with it. It causes no smoke, smell, taste or adhesion, and is better than butter or grease.

Flowers may be kept very fresh over night if they are excluded entirely from the air. To do this, wet them thoroughly, put in a damp box and cover with wet raw cotton or wet newspaper and put in a cool place.

Milk which is slightly turned or changed may be sweetened and rendered fit for use by stirring in a little soda.

Pickles or vinegar will not keep in a jar that has ever had any kind of grease in it.

Stale buns may be made to taste as nicely as when fresh if they are dipped a moment or so in cold water, then put into a hot oven for five or ten minutes. They will turn out as light and crisp as when first baked.

To scour knives easily, mix a small quantity of baking soda with your brick dust.

Kerosene will make tea-kettles as bright as new. Saturate a woolen rag and rub with it. It will also remove stains from clean varnished furniture.

It is said that if a bottle of oil of pennyroyal is left uncorked in a room at night not a mosquito or any other blood-sucker will be found there in the morning.

Mix potash with powdered meal and throw it into the ratholes of a cellar and the rats will depart.

Neither a rat nor a mouse will attempt to go through a hole into which a rag dipped in a solution of cayenne pepper has been stuffed.

Salt will curdle new milk. In preparing milk porridge, gravies, etc., the salt should not be added until the dish is prepared.

Don't waste your time scouring your bread-pans; bread never bakes as well in bright tins. The best bread-pans are oblong ones, made of Russia sheet-iron.

Paint spots may be removed from any kind of clothing by saturating with equal parts of turpentine and spirits of ammonia.

When coffee beans are placed on hot coals or a hot plate the odor arising is at the same time one of the most agreeable and most effective of disinfectants. If no heat is obtainable, even the spreading of ground cof-

RATES OF POSTAGE.

LETTERS, ETC.

Each ½ ounce.

Mail letters..... 2 cents.
Drop letters at letter carrier offices. 2 "
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SECOND-CLASS MATTER.—Newspapers and periodicals to regular subscribers, quarterly or oftener, 2 cents a lb.
Transient newspapers, 1 cent each 4 oz.
THIRD-CLASS MATTER.—Books (printed and blank), circulars, other printed matter, proof sheets, corrected proof sheets and manuscript, copy accompanying same, valentines, heliotypes, chromos, posters, lithographs, 1 cent each 2 oz.
Newspapers (except weeklies to subscribers), circulars and periodicals, not 2 oz. in weight, deposited in letter carrier offices for local delivery, 1 cent each.
FOURTH-CLASS MATTER:—Printed envelopes in quantity, blank bills, letter heads, blank cards, flexible patterns, plain envelopes and letter paper, sample cards, merchandise, models, sample ores, metals, minerals, seeds, cuttings, bulbs, roots, not exceeding 4 lbs. in weight, 1 cent each oz. or fraction of oz.
Patterns and samples to Canada, 10 cents prepaid for each 8 oz. or fraction.
First, third, and fourth-class matter may be registered at 10 cents each package in addition to regular postage.
All matter not prepaid at letter rates must be so wrapped that it can be examined without destroying the wrapper, and can name contents, from whom, and address, and nothing more. A business card may be printed, impressed, or pasted on the wrappers. Liquids, poisons, explosives, and other dangerous matters are excluded.

POSTAGE TO FOREIGN COUNTRIES.

LETTERS.	*Not exc. ½ oz. Cents.*	*Newspapers per ea. 2 oz. Cents.*
Africa, west coast, British possessions	*5 ..	1
Aspinwall	*5 ..	1
New South Wales, Victoria, Queensland, via San Francisco	12 ..	2
Australia, except above places, via San Francisco	5 ..	2
Austria	*5 ..	1
Belgium	*5 ..	1
Bermuda, via New-York	*5 ..	1
Brazil	*5 ..	1
Canada, Nova Scotia, etc	2 ..	1
Newfoundland	*5 ..	1
Cape Good Hope, British Mail	*15 ..	3
Bolivia, via Aspinwall	17 ..	4
Chili, Ecuador, and Peru	*5 ..	1
China—Amoy, Canton, Chee Foo, Hong Kong, Shanghai, via San Francisco	*5 ..	1
China, via England and Brindisi	*13 ..	4
Cuba	*5 ..	1
Denmark	*5 ..	1
France and Colonies	*5 ..	1
Germany	*5 ..	1
Great Britain and Ireland	*5 ..	1
Holland	*5 ..	1
India, British, via Brindisi	*5 ..	1
India, French and Portuguese Colonies	*5 ..	1
Italy	*5 ..	1
Japan and Trisum-po, Corea, via San Francisco	*5 ..	1
Liberia, via Southampton	*5 ..	1
Mexico	*5 ..	1
Natal, British mail	*15 ..	4
New Zealand, via San Francisco	*12 ..	2
New Zealand, via Brindisi	*15 ..	3
Norway and Sweden	*5 ..	1
Portugal	*5 ..	1
Russia	*5 ..	1
Sandwich Islands, via San Francisco	5 ..	1
Shanghai, via San Francisco	5 ..	2
Spain	*5 ..	1
Switzerland	*5 ..	1
Turkey—Europe and Asia	*5 ..	1
Venezuela	*5 ..	1
West Indies direct, or via St. Thomas	*5 ..	1

The asterisk (*) indicates that the postage may be prepaid or not, at the option of the sender of the letter.
International postal cards, price 2 cents, may be sent to any of the above-mentioned countries where the postage is designated at 5 cents.

MONEY ORDERS.

No fractions of cents allowed in any money order.
Rates on money orders in United States:

On orders not exceeding $10	8 cents.
Over $10 to $15	10 "
" 15 " 30	15 "
" 30 " 40	20 "
" 40 " 50	25 "
" 50 " 60	30 "
" 60 " 70	35 "
" 70 " 80	40 "
" 80 " 100	45 "

Money orders to Great Britain or Ireland: Not exceeding $10, twenty-five cents; over $10 to $20, fifty cents; over $20 to $30, seventy cents; over $30 to $40, eighty-five cents; over $40 to $50, one dollar.
Money orders to German Empire, France, Italy, Canada, Algeria, Switzerland, Jamaica, New Zealand, New South Wales, Victoria, Belgium, Portugal, Hawaii, Queensland, Cape Colony, Windward Islands, and Tasmania: Not exceeding $10, fifteen cents; over $10 to $20, thirty cents; over $20 to $30, forty-five cents; over $30 to $40, sixty cents; over $40 to $50, seventy-five cents.
Money orders can be made payable in Denmark, Sweden and Norway, Netherlands and Luxemburg, through Germany, at German rates. In Austria and Hungary through Switzerland, at Swiss rates. To India, not exceeding $10, thirty-five cents; over $10 to $20, seventy cents; over $20 to $30, $1; over $30 to $40, $1.25; over $40 to $50, $1.50.
Postal notes are furnished by any postmaster for any amount under $5, at a cost of three cents each.

NATIONAL GOVERNMENT.

EXECUTIVE DEPARTMENT.

PRESIDENT.—Chester A. Arthur, of New-York. Salary, $50,000.

VICE-PRESIDENT.—(Acting) George F. Edmunds, of Vermont. Salary, $10,000.

SECRETARY OF STATE.—Frederick T. Frelinghuysen, of New Jersey. Salary, $8,000.

SECRETARY OF THE TREASURY.—Hugh McCulloch, of Maryland. Salary, $8,000.

SECRETARY OF WAR.—Robert T. Lincoln, of Illinois. Salary, $8,000.

SECRETARY OF THE NAVY.—William E. Chandler, of New Hampshire. Salary, $8,000.

POSTMASTER-GENERAL.—Frank Hatton, of Iowa. Salary, $8,000.

SECRETARY OF THE INTERIOR.—Henry M. Teller, of Colorado. Salary, $8,000.

ATTORNEY-GENERAL.—Benjamin Harris Brewster, of Pennsylvania. Salary, $8,000.

COMMISSIONER OF THE GENERAL LAND OFFICE.—N. C. McFarland, of Kansas. Salary, $4,000.

COMMISSIONER OF PATENTS.—Benjamin Butterworth, of Ohio. Salary, $4,500.

COMMISSIONER OF PENSIONS.—Otis P. G. Clarke, of Rhode Island. Salary, $5,000.

COMMISSIONER OF AGRICULTURE.—George B. Loring, of Massachusetts. Salary, $4,500.

U. S. SUPREME COURT.

CHIEF JUSTICE.—Morrison R. Waite, of Ohio. Appointed 1874. Salary, $10,500.

There are eight Associate Justices, who each receive $10,000 a year salary. Their names, with date of appointment, follow: Samuel F. Miller, Iowa (1862); Stephen J. Field, Cal. (1863); Joseph P. Bradley, N. J. (1870); John M. Harlan, Ky. (1877); William B. Woods, Ala. (1880); Stanley Matthews, Ohio (1881); Horace Gray, Mass. (1881); S. Blatchford, N. Y. (1882).

UNITED STATES ARMY.

The maximum force allowed by existing law is 2,155 commissioned officers and 25,000 enlisted men.

GENERAL.—Lieutenant-General Philip H. Sheridan. Pay, $13,500.

MAJOR-GENERALS.—Winfield S. Hancock, John M. Schofield, John Pope. Pay, $7,500 each.

BRIGADIER-GENERALS.—Oliver O. Howard, Alfred H. Terry, Christopher C. Augur, George Crook, Nelson A. Miles, Ranald S. McKenzie. Pay, $5,500 each.

All of the officers above named receive an allowance for "quarters, fuel and forage," in addition to their pay.

UNITED STATES NAVY.

ADMIRAL.—David D. Porter. Pay, $13,000.

VICE-ADMIRAL.—Stephen C. Rowan. Pay, $9,000.

REAR-ADMIRALS.—John L. Worden, Edward T. Nichols, George H. Cooper, Aaron K. Hughes, Charles H. Baldwin, Robert W. Shufeldt, Thomas Pattison. Pay, $6,000.

The twenty-one Commodores on the active list receive $5,000 each, the Captains $4,500 each, and the Lieutenant-Commodores $3,000 each.

XLIX. CONGRESS.

SENATE.

Salary, $5,000 each and mileage. President, $8,000. The figures following each name show when the term expires.

ALABAMA.
J. T. Morgan, *D.*..'89
A Democrat, ...'91

ARKANSAS.
A. H. Garland, *D.*..'89
A Democrat, ...'91

CALIFORNIA.
A Republican,....'91
J. F. Miller, *R.*...'87

COLORADO.
T. M. Bowen, *R.*..'89
A Republican,....'91

CONNECTICUT.
A Republican,....'91
J. R. Hawley, *R.*..'87

DELAWARE.
Eli Saulsbury, *D.*..'89
T. F. Bayard, *D.*..'87

FLORIDA.
A Democrat, ...'91
C. W. Jones, *D.*...'87

GEORGIA.
A. H. Colquitt, *D.*..'89
A Democrat, ...'91

ILLINOIS.
S. M. Cullom, *R.*..'89
Doubtful, ...'91

INDIANA.
A Democrat, ...'91
Ben Harrison, *R.*..'87

IOWA.
Jas. F. Wilson, *R.*..'89
W. B. Allison, *R.*..'91

KANSAS.
P. B. Plumb, *D.*...'89
A Republican,....'91

KENTUCKY.
J. B. Beck, *D.*.....'89
J.C.S.Blackburn,*D.*'91

LOUISIANA.
R. L. Gibson, *D.*..'89
James E. Eustis, *D*'91

MAINE.
W. P. Frye, *R.*....'89
Eugene Hale, *R.*...'87

MARYLAND.
E. K. Wilson, *D.*..'91
A. P. Gorman, *D.*..'87

MASSACHUSETTS.
Geo. F. Hoar, *R.*..'89
H. L. Dawes, *R.*...'87

MICHIGAN.
T. W. Palmer, *R.*..'89
O. D. Conger, *R.*..'87

MINNESOTA.
S.J.R. M'Millan,*R*'87
D. M. Sabin, *R.*....'89

MISSISSIPPI.
L.Q.C.Lamar, *D.*..'89
J. Z. George, *D.*...'87

MISSOURI.
A Democrat, ...'91
F. M. Cockrell, *D.*'87

NEBRASKA.
C. F. Manderson, *R*'89
C. H. VanWyck, *R*'87

NEVADA.
A Republican,....'91
J. G. Fair, *D.*.....'87

NEW HAMPSHIRE.
A. F. Pike, *R.*.....'89
A Republican,....'91

NEW JERSEY.
J.R.McPherson, *D*'89
W. J. Sewell, *R.*...'87

NEW-YORK.
A Republican,....'91
Warner Miller, *R.*.'87

NORTH CAROLINA.
M. W. Ransom, *D.*'89
A Democrat, ...'91

OHIO.
H. B. Payne, *D.*....'97
J. Sherman, *R.*....'81

OREGON.
J. N. Dolph, *R.*....'89
A Republican,....'91

PENNSYLVANIA.
A Republican,.....'91
J. I. Mitchell, *R.*..'87

RHODE ISLAND.
A Republican.....'89
N. W. Aldrich, *R.*'87

SOUTH CAROLINA.
A Democrat, ...'91
W. Hampton, *D.*..'89

TENNESSEE.
I. G. Harris, *D.*....'89
H. E. Jackson, *D.*'87

TEXAS.
Richard Coke, *D.*..'89
S. B. Maxey, *D.*..'87

VERMONT.
J. S. Morrill, *R.*...'91
G.F. Edmunds, *R.*'87

VIRGINIA.
H. H. Riddleberger, *I*..'89
Wm. Mahone, *I*..'87

WEST VIRGINIA.
J. E. Kenna, *D.*...'89
J. N. Camden, *D.*.'87

WISCONSIN.
A Republican,....'91
P. Sawyer, *R.*.....'87

RECAPITULATION.—Democrats, 34; Republicans, 40; Independents, 2.

HOUSE OF REPRESENTATIVES.

Salary of Members, $5,000 each and mileage. Speaker, $8,000. Under the apportionment of 1883, the House consists of 325 members. The last previous apportionment provided for 293 members.

ALABAMA.

James T. Jones, *D.*
Hillary A. Herbert, *D.*
Wm. C. Oates, *D.*
Alex. C. Davidson, *D.*
Thos. W. Sadler, *D.*
John M. Martin, *D.*
W. H. Forney, *D.*
Joseph Wheeler, *D.*

ARKANSAS.

Poindexter Dunn, *D.*
C. R. Breckinridge, *D.*
James K. Jones, *D.*
John H. Rogers, *D.*
Samuel W. Peel, *D.*

CALIFORNIA.

T. L. Carothers, *R.*
J. A. Loutitt, *R.*
Jos. McKenna, *R.*
W. W. Morrow, *R.*
Chas. N. Felton, *R.*
H. H. Markham, *R.*

COLORADO.

Geo. G. Symes, *R.*

CONNECTICUT.

John R. Buck, *R.*
Chas. L. Mitchell, *D.*
John T. Wait, *R.*
E. W. Seymour, *D.*

DELAWARE.

Chas. B. Lore, *D.*

FLORIDA.

R. H. M. Davidson, *D.*
Chas. Dougherty, *D.*

GEORGIA.

Thos. M. Norwood, *D.*
Henry G. Turner, *D.*
Charles F. Crisp, *D.*
Henry R. Harris, *D.*
N. J. Hammond, *D.*
James H. Blount, *D.*
J. C. Clements, *D.*
Seaborn Reese, *D.*
Allen D. Candler, *D.*
Geo. T. Barnes, *D.*

ILLINOIS.

R. W. Dunham, *R.*
Frank Lawler, *D.*
James H. Ward, *D.*
George E. Adams, *R.*
Reuben Ellwood, *R.*
Robert R. Hitt, *R.*
T. J. Henderson, *R.*
Ralph Plumb, *R.*
Louis E. Payson, *R.*
N. E. Worthington, *D.*
W. H. Neece, *D.*
James M. Riggs, *D.*
Wm. M. Springer, *D.*
J. H. Rowell, *R.*
J. G. Corson, *R.*
S. Z. Landes, *D.*
John R. Eden, *D.*
Wm. R. Morrison, *D.*
R. W. Townshend, *D.*
John R. Thomas, *R.*

INDIANA.

John J. Kleiner, *D.*
Thomas R. Cobb, *D.*
Jonas G. Howard, *D.*
Wm. S. Holman, *D.*
C. C. Matson, *D.*
Thos. M. Browne, *R.*
W. D. Bynum, *D.*
Jas. T. Johnston, *R.*
T. B. Ward, *D.*
W. D. Owen, *R.*
George W. Steele, *R.*
Robert Lowry, *D.*
G. Ford, *D.*

IOWA.

Benton J. Hall, *D.*
J. H. Murphy, *D.*
D. B. Henderson, *R.*
W. E. Fuller, *D.*
B. F. Frederick, *D.*
J. B. Weaver, *F.*
E. H. Conger, *R.*
W. P. Hepburn, *R.*
J. Lyman, *R.*
A. J. Holmes, *R.*
Isaac S. Struble, *R.*

KANSAS.

E. N. Morrill, *R.*
E. H. Funston, *R.*
B. W. Perkins, *R.*
Thomas Ryan, *R.*
J. A. Anderson, *R.*
Lewis Handback, *R.*
Samuel R. Peters, *R.*

KENTUCKY.

W. J. Stone, *D.*
Polk Laffoon, *D.*
J. E. Halsell, *D.*
T. A. Robertson, *D.*
Albert S. Willis, *D.*
John G. Carlisle, *D.*
W. C. P. Breckinridge, *D.*
Jas. B. McCreary, *D.*
W. H. Wadsworth, *R.*
W. P. Taulbee, *D.*
Frank L. Wolford, *D.*

LOUISIANA.

Louis F. Martin, *D.*
M. Hahn, *R.*
E. J. Gay, *D.*
N. C. Blanchard, *D.*
J. Floyd King, *D.*
Alfred B. Irion, *D.*

MAINE.

Thomas B. Reed, *R.*
Nelson Dingley, *R.*
Seth L. Milliken, *R.*
Chas. A. Boutelle, *R.*

MARYLAND.

Chas. H. Gibson, *D.*
Frank T. Shaw, *D.*
William H. Cole, *D.*
J. V. L. Findlay, *D.*
Barnes Compton, *D.*
L. E. McComas, *R.*

MASSACHUSETTS.

Robert T. Davis, *R.*
John D. Long, *R.*
A. A. Ranney, *R.*
P. A. Collins, *D.*
Edw. D. Hayden, *R.*
H. B. Lovering, *D.*
E. F. Stone, *R.*
Charles H. Allen, *R.*
Frederick D. Ely, *R.*
William W. Rice, *R.*
William Whiting, *R.*
F. W. Rockwell, *R.*

MICHIGAN.

Wm. C. Maybury, *D.*
N. B. Eldredge, *D.*
James O'Donnel, *R.*
Julius C. Burrows, *R.*
C. C. Comstock, *D.*
E. B. Winans, *D.*
E. C. Carleton, *D.*
T. E. Tarsney, *D.*
B. M. Cutcheon, *R.*
S. O. Fisher, *D.*
Seth C. Moffatt, *R.*

MINNESOTA.

Milo White, *R.*
J. B. Wakefield, *R.*
H. B. Strait, *R.*
J. B. Gilfillan, *R.*
Knute Nelson, *R.*

MISSISSIPPI.

John M. Allen, *D.*
J. B. Morgan, *D.*
T. C. Catchings, *D.*
Fred C. Barry, *D.*
Otho R. Singleton, *D.*
H. S. Van Eaton, *D.*
E. Barksdale, *D.*

MISSOURI.

Wm. H. Hatch, *D.*
John B. Hale, *D.*
Alex. M. Dockery, *D.*
James N. Burnes, *D.*
W. Warner, *D.*
John T. Heard, *D.*
John E. Hutton, *D.*
John J. O'Neill, *D.*
John M. Glover, *D.*
Martin L. Clardy, *D.*
Rich'd P. Bland, *D.*
W. J. Stone, *D.*
W. H. Wade, *D.*
Wm. Dawson, *D.*

NEBRASKA.

A. J. Weaver, *R.*
James Laird, *R.*
G. W. E. Dorsey, *R.*

NEVADA.

Wm. Woodburn, *R.*

NEW HAMPSHIRE.

Martin A. Haynes, *R.*
J. A. Gallinger, *R.*

NEW JERSEY.

George Hires, *R.*
James Buchanan, *R.*
Robert S. Green, *D.*
James W. Pidcock, *D.*
W. W. Phelps, *R.*
H. Lehebach, *R.*
Wm. McAdoo, *D.*

NEW-YORK.

Perry Belmont, *D.*
Felix Campbell, *D.*
Darwin R. James, *R.*
Peter P. Mahoney, *D.*
A. M. Bliss, *D.*
Nicholas Muller, *D.*
John J. Adams, *D.*
Samuel S. Cox, *D.*
Joseph Pulitzer, *D.*
Abram S. Hewitt, *D.*
T. A. Merriman, *D.*
A. Dowdney, *D.*
Egbert L. Viele, *D.*
W. G. Stahlnecker, *D.*
Lewis Beach, *D.*
John H. Ketcham, *R.*
J. G. Lindsley, *R.*
H. G. Burleigh, *R.*
John Swinburne, *R.*
George West, *R.*
F. A. Johnson, *R.*
A. X. Parker, *R.*
J. Thos. Spriggs, *D.*
John S. Pindar, *D.*
Frank Hiscock, *R.*
S. C. Millard, *R.*
Sereno E. Payne, *R.*
John Arnot, *D.*
Ira Davenport, *R.*
Charles S. Baker, *R.*
John L. Sawyer, *R.*
J. M. Farquhar, *R.*
John B. Weber, *R.*
W. L. Sessions, *R.*

NORTH CAROLINA.

Thos. G. Skinner, *D.*
Jas. E. O'Hara, *R.*
W. J. Green, *D.*
Wm. R. Cox, *D.*
James W. Reid, *D.*
R. T. Bennett, *D.*
J. S. Henderson, *D.*
Thos. D. Johnston, *D.*
W. H. Cowles, *D.*

OHIO.

B. Butterworth, *R.*
Chas. E. Brown, *R.*
Jas. E. Campbell, *D.*
Chas. M. Anderson, *D.*
Benj. Lefevre, *D.*
William D. Hill, *D.*
George E. Seney, *D.*
John Little, *R.*
Wm. C. Cooper, *R.*
Jacob Romels, *R.*
Wm. W. Ellsbury, *D.*
A. C. Thompson, *R.*
J. H. Outhwaite, *D.*
C. H. Grosvenor, *R.*
Beriah Wilkins, *D.*
Geo. W. Geddes, *D.*
A. J. Warner, *D.*
Isaac H. Taylor, *R.*
Ezra B. Taylor, *R.*
Wm. McKinley, *R.*
Martin A. Foran, *D.*

OREGON.

Binger Hermann, *R.*

PENNSYLVANIA.

E. S. Osborne, *R.*
H. H. Bingham, *R.*
Charles O'Neill, *R.*
S. J. Randall, *D.*
Wm. D. Kelley, *R.*
A. C. Harmer, *R.*
Jas. B. Everhart, *R.*
I. Newton Evans, *R.*
D. Ermentrout, *D.*
John A. Hiestand, *R.*
Wm. H. Sowden, *D.*
John B. Storm, *D.*
Jos. A. Scranton, *R.*
Chas. N. Brumm, *Gr.*
F. Bound, *R.*
F. C. Bunnell, *R.*
W. W. Brown, *R.*
J. M. Campbell, *R.*
Louis E. Atkinson, *R.*
Vacancy.
Andrew G. Curtin, *D.*
Charles E. Boyle, *D.*
James S. Negley, *R.*
Thos. M. Bayne, *R.*
Oscar L. Jackson, *R.*
A. C. White, *R.*
Geo. W. Fleeger, *R.*
W. L. Scott, *D.*

RHODE ISLAND.

H. J. Spooner, *R.*
Wm. A. Pirce, *R.*

SOUTH CAROLINA.

Samuel Dibble, *D.*
Geo. D. Tillman, *D.*
D. Wyatt Aiken, *D.*
W. H. Perry, *D.*
J. J. Hemphill, *D.*
J. W. Dargan, *D.*
Robert Smalls, *R.*

TENNESSEE.

A. H. Pettibone, *R.*
Leonidas C. Houk, *R.*
John R. Neal, *D.*
Benton McMillin, *D.*
J. D. Richardson, *D.*
A. J. Caldwell, *D.*
J. G. Ballentine, *D.*
J. M. Taylor, *D.*
P. T. Glass, *D.*
Zachary Taylor, *R.*

TEXAS.

Charles Stewart, *D.*
John H. Reagan, *D.*
James H. Jones, *D.*
D. B. Culberson, *D.*
J. W. Throckmorton, *D.*
Olin Welborn, *D.*
Wm. H. Crain, *D.*
James F. Miller, *D.*
Roger Q. Mills, *D.*
Jos. D. Sayers, *D.*
S. W. T. Lanham, *D.*

VERMONT.

John W. Stewart, *R.* Wm. W. Grout, *R.*

VIRGINIA.

Thomas Croxton, *D.*
H. Libbey, *R.*
George D. Wise, *D.*
James D. Brady, *R.*
George C. Cabell, *D.*
J. Rand'h Tucker, *D.*
C. T. O'Ferrall, *D.*
J. S. Barbour *D.*
C. F. Trigg *D.*
John W. Daniel, *D.*

WEST VIRGINIA.

Nathan Goff, Jr., *R.*
W. L. Wilson, *D.*
C. P. Snyder, *D.*
Eustace Gibson, *D.*

WISCONSIN.

L. B. Caswell, *R.*
Edward S. Bragg, *D.*
R. M. La Follette, *R.*
I. W. Van Shaick, *R.*
Joseph Rankin, *D.*
R. Guenther, *R.*
O. B. Thomas, *R.*
William T. Price, *R.*
Isaac Stephenson, *R.*

RECAPITULATION.

	Dem.	Rep.	Ind.
Senate	34	40	2
House	182	141	2
	216	181	4

Democratic majority on joint ballot, 31.

U. S. MINISTERS ABROAD.

Counties.		App.
Argentine Rep.	Thos. O. Osborn	1874
Austria	John M. Francis, N. Y.	1884
Belgium	Nicholas Fish, N. Y.	1882
Bolivia	Richard Gibbs, N. Y.	1883
Brazil	Thos. A. Osborn, Kan.	1880
Central Am.	H. C. Hall, N. Y.	1882
Chili	Cornelius A. Logan, Ill.	1882
China	J. R. Young, N. Y.	1882
Columbia	W. L. Scruggs, Tenn.	1882
Corea	Lucius H. Foote, Cal.	1883
Denmark	MarkhamHoffman, N.Y.	1883
France	Levi P. Morton, N. Y.	1881
Germany	John A. Kasson, Iowa.	1884
Great Britain	J. R. Lowell, Mass.	1880
Greece, Roumania and Servia.	E. A. Schuyler, N. Y.	1882
Hawiian Islands	R. M. Daggett, Nev.	1882
Hayti	John M. Langston, D.C.	1877
Italy	W. W. Astor, N. Y.	1882
Japan	J. A. Bingham, Ohio	1873
Liberia	J. H. Smyth, N. C.	1882
Mexico	P. H. Morgan, La.	1880
Netherlands	W. L. Dayton, N. J.	1882
Persia	S.G.W. Benjamin, N.Y.,	1883
Peru	Seth L. Phelps, Ohio.	1883
Portugal	Lewis Richmond, R. I.	1884
Russia	Alphonso Taft, Ohio.	1884
Siam	J. A. Halderman, Mo.	1882
Spain	John W. Foster. Ind.	1883
Sweden and Norway.	W. W. Thomas, Jr., Me.	1883
Switzerland	M. J. Cramer, Ky.	1880
Turkey	Lewis Wallace, Ind.	1880
Uruguay	William Williams, Ind.,	1882
Venezuela	Jehu Baker, Ill.	1878

STATE AND TERRITORIAL GOVERNMENTS.

States and Territories.	Capitals.	Governors.	Salaries.	Term Years	Terms Expire.	Next Session Legis. Begins	Leg. Joint Bal.	Rep. in Cong.	Time of Election.	Population. Census 1880.	Area. Sq. Mi.
Alabama	Montgomery	E. A. O'Neal, *D.*	$3,000	2	Nov., 1886	*Nov., 1886	Dem.	8	1st Monday in August	1,262,505	50,722
Alaska Territory	Sitka										577,390
Arizona Territory	Tucson	†F. A. Tritle, *R.*	2,600	4	April, 1884	*Jan., 1887	Rep.	¶ 1	Tues. after 1st Mon. in Nov.	40,440	113,916
Arkansas	Little Rock	James H. Berry, *D.*	3,500	2	Jan., 1885	*Jan., 1887	Dem.	5	1st Monday in September	802,525	52,198
California	Sacramento	George Stoneman, *D.*	6,000	3	Jan., 1886	*Jan. 1886	Dem.	6	Tues. after 1st Mon. in Nov.	864,694	188,981
Colorado	Denver	Benj. H. Eaton, *R.*	3,000	2	Jan., 1887	*Jan., 1887	Dem.	1	1st Tuesday in October	194,327	194,500
Connecticut	Hartford	Henry B. Harrison, *R*	2,000	2	Jan., 1887	Jan., 1887	Rep.	4	Tues. after 1st Mon. in Nov.	622,700	4,750
Dakota Territory	Bismarck	†Gilbert A. Pierce, *R*	2,600	4	May, 1884	*Jan., 1887	Rep.	¶ 1	" " "	135,177	152,000
Delaware	Dover	Charles C. Stockley, *D.*	2,000	4	Jan., 1887	*Jan., 1887	Dem.	1	" " "	146,608	2,120
District of Columbia	Washington									177,624	60
Florida	Tallahassee	E. A. Perry, *D.*	3,500	4	Jan., 1889	*Jan., 1887	Dem.	2	" " "	269,493	59,248
Georgia	Atlanta	H. D. McDaniel, *D.*	3,000	2	Jan., 1887	*Nov., 1885	Dem.	10	1st Wednesday in October	1,542,180	58,000
Idaho Territory	Boise City	†Wm. M. Bunn, *R.*	2,600	4	July, 1888	*Dec., 1885	Rep.	¶ 1	1st Wednesday in Nov.	32,610	90,932
Illinois	Springfield	R. J. Oglesby, *R.*	6,000	4	Jan., 1889	*Jan., 1887	Rep.	20	Tues. after 1st Mon. in Nov.	3,077,871	55,410
Indiana	Indianapolis	Isaac P. Gray, *D*	5,000	4	Jan., 1889	*Jan., 1887	Dem.	13		1,978,301	33,809
Iowa	Des Moines	Buren R. Sherman, *R.*	4,000	2	Jan., 1886	*Jan., 1886	Rep.	11	" " "	1,624,650	55,045
Indian Territory	Talequah										68,991
Kansas	Topeka	John A. Martin, *R*	3,000	2	Jan., 1887	*Jan., 1887	Rep.	7	Tues. after 1st Mon. in Nov.	996,096	88,318
Kentucky	Frankfort	J. Proctor Knott, *D.*	5,000	4	Sept., 1887	*Jan., 1887	Dem.	11	1st Monday in August	1,648,690	37,680
Louisiana	Baton Rouge	S. D. McEnery, *D.*	4,000	4	May, 1884	*Jan., 1886	Dem.	6	1st Monday in November	939,946	41,346
Maine	Augusta	Frederick Robie, *R.*	2,000	2	Jan., 1887	*Jan., 1886	Rep.	4	2d Monday in September	648,936	35,000
Maryland	Annapolis	Robt. M. McLane, *D.*	4,500	4	Jan., 1888	*Jan., 1886	Dem.	6	Tues. after 1st Mon. in Nov.	934,943	11,124
Massachusetts	Boston	G. D. Robinson, *R*	4,000	1	Jan., 1886	Jan., 1886	Rep.	12	" " "	1,783,085	7,800
Michigan	Lansing	R. A. Alger, *R.*	1,000	2	Jan., 1885	*Jan., 1887	Rep.	11	" " "	1,636,937	56,451
Minnesota	St. Paul	L. F. Hubbard, *R*	3,800	2	Jan., 1886	*Jan., 1887	Rep.	6	" " "	780,773	83,531
Mississippi	Jackson	Robert Lowry, *D.*	4,000	4	Jan., 1886	*Jan., 1886	Dem.	7	" " "	1,131,597	47,156
Missouri	Jefferson City	J. S. Marmaduke, *D.*	5,000	4	Jan., 1889	*Jan., 1887	Dem.	14	" " "	2,168,380	65,350
Montana Territory	Helena		2,600	4	July, 1886	*Jan., 1887	Rep.	¶ 1	1st Monday in November	39,159	143,776
Nebraska	Lincoln	Jas. W. Dawes, *R.*	2,500	2	Jan., 1887	*Jan., 1887	Dem.	3	Tues. after 1st Mon. in Nov.	452,402	75,955
Nevada	Carson City	Jewett W. Adams, *D*	6,000	4	Jan., 1887	*Jan., 1886	Dem.	1	" " "	62,261	81,539
New Hampshire	Concord	Moody Currier, *R.*	1,000	2	June, 1887	*Jan., 1886	Rep.	2	" " "	346,991	9,280
New Jersey	Trenton	Leon Abbett, *D*	5,000	3	Jan., 1887	Jan., 1886	Dem.	7	" " "	1,131,116	8,320
New Mexico Territory	Santa Fé	†L. A. Sheldon, *R*	2,600	4	Sept., 1886	*Jan., 1886	Rep.	¶ 1	" " "	119,565	121,201
New-York	Albany	Grover Cleveland, *D.*	10,000	3	Jan., 1886	Jan., 1886	Rep.	34	" " "	5,082,871	47,000
North Carolina	Raleigh	A. M. Scales, *D*	4,000	4	Dec., 1889	*Jan., 1887	Dem.	9	" " "	1,399,750	50,704
Ohio	Columbus	George Hoadly, *D*	4,000	2	Jan., 1886	*Jan., 1886	Dem.	21	2d Tuesday in October	3,198,062	39,964
Oregon	Salem	Z. L. Moody, *R.*	1,500	4	Sept., 1886	*Sept., 1885	Rep.	1	1st Monday in June	174,768	95,274
Pennsylvania	Harrisburg	Robert E. Pattison, *D.*	10,000	4	Jan., 1887	*Jan., 1887	Rep.	28	Tues. after 1st Mon. in Nov.	4,282,891	46,600
Rhode Island	Newport & Prov.	Augustus O. Bourn, *R.*	1,000	1	May, 1885	Jan., 1886	Rep.	2	1st Wednesday in April	276,531	1,306
South Carolina	Columbia	Hugh S. Thompson, *D.*	3,500	2	Dec., 1886	Nov., 1886	Dem.	7	Tues. after 1st Mon. in Nov.	995,577	34,000
Tennessee	Nashville	Wm. H. Bate, *D.*	4,000	2	Jan., 1887	*Jan., 1887	Dem.	10	" " "	1,542,359	45,000
Texas	Austin	John Ireland, *D.*	4,000	2	Jan., 1887	*Jan., 1887	Dem.	11	" " "	1,591,749	274,356
Utah Territory	Salt Lake City	†E. H. Murray, *R.*	2,600	4	July, 1888	*Jan., 1886	Rep.	¶ 1	1st Monday in August	143,963	88,056
Vermont	Montpelier	S. A. Pingree, *R.*	1,000	2	Oct., 1886	*Oct., 1886	Rep.	2	1st Tuesday in September.	332,286	10,212
Virginia	Richmond	‡W. E. Cameron, *R*	5,000	4	Jan., 1886	*Dec., 1885	Dem.	10	Tues. after 1st Mon. in Nov.	1,512,565	38,352
Washington Territory	Olympia	†William A. Newell, *R.*	2,600	4	April, 1888	*Oct., 1885	Rep.	¶ 1	" " "	75,116	69,994
West Virginia	Wheeling	E. Willis Wilson, *D*	2,700	4	Mar., 1889	*Jan., 1887	Dem.	4	2d Tuesday in October	618,457	23,000
Wisconsin	Madison	J. M. Rusk, *R.*	5,000	2	Jan., 1887	*Jan., 1886	Rep.	9	Tues. after 1st Mon. in Nov.	1,315,497	53,924
Wyoming Territory	Cheyenne	†William Hale, *R*	2,600	4	Aug., 1886	*Nov., 1887	Rep.	¶ 1	1st Tuesday in September.	20,789	88,000

* Biennial Sessions. † Appointed by President. ‡ Readjuster. ¶ Delegate. Democratic Governors of States, 22; Republicans, 15; Readjuster, 1.

STATE OF PENNSYLVANIA.

Governor—ROBERT E. PATTISON, *D.* Salary, $10,000.
Lieutenant-Governor—CHAUNCEY F. BLACK, *D.* Salaries, $3,500.
Secretary of the Commonwealth—WM. S. STENGER, *D.* Salaries, $5,100 and fees.
Attorney-General—LEWIS C. CASSIDY, *D.* Salaries, $3,500 and fees.
State Treasurer—WILLIAM LIVSEY, *R.* Salaries, $6,200.
Secretary of Internal Affairs—J. SIMPSON AFRICA, *D.* Salaries, $3,500.
Auditor-General—JEROME B. NILES, *R.* Salaries, $4,200.
Bureau of Statistics—JOEL B. M'CAMANT, *D.*, Commissioner. Salary, $2,000.
Superintendent of Public Instruction—ELNATHAN E. HIGBEE, *R.* Salary, $3,750.
Adjutant-General—P. N. GUTHRIE, *D.* Salary, $3,500.
Insurance Department—J. MONTGOMERY FORSTER, Commissioner. Salary, $3,000.
State Librarian—C. J. LITTLE, *R.* Salary, $1,800.
Superintendent of Public Printing—W. HAYES GRIER, *D.* Salary, $2,000.
Superintendent of Public Buildings and Grounds—W. H. H. STACKPOLE, *R.* Salary, $1,400.
State Printer—LANE S. HART, *R.*

STATE SENATE.

The Senate consists of 31 Republicans and 19 Democrats. Each Senator receives $1,000 per session and mileage; President, *pro tem.*, $500 extra.

1..George Handy Smith, *R.*
2..Joseph P. Kennedy, *D.*
3..F. A. Osborne, R.
4..John J. McFarlane, *R.*
5..John E. Reyburn, *R.*
6..Robert Adams, Jr., R.
7..John C. Grady, *R.*
8..Benjamin F. Hughes, *R.*
9..Thomas V. Cooper, *R.*
10..C. S. Vandegrift, Jr., *D.*
11..F. R. Brunner, *D.*
12..William H. Sutton, *D.*
13..Amos H. Mylin, *R.*
14..J. M. Stehman, *R.*
15..A. F. Thompson, *R.*
16..M. C. Henninger, *D.*
17..J. P. S. Gobin, *R.*
18..Jeremiah S. Hess, *D.*
19..A. D. Harlan, *R.*
20..L. A. Watres, *R.*
21..M. B. Williams, *R.*
22..John D. Biddis, *D.*
23..J. K. Newell, *R.*
24..W. W. Hart, *D.*
25..Lewis Emery, Jr., *R.*
26..W. M. Nelson, *D.*
27..S. P. Wolverton, *D.*
28..J. H. Ross, *D.*
29..L. R. Keefer, *R.*
30..Charles F. King, *D.*
31..J. B. Selheimer, *D.*
32..Samuel C. Wagner, *D.*
33..H. J. McAteer, *D.*
34..William A. Wallace, *D.*
35..Henry A. Boggs, *R.*
36..J. H. Longnecker, *R.*
37..G. W. Hood, *R.*
38..John G. Hall, *D.*
39..Geo. F. Huff, *R.*
40..Alexander Patton, *D.*
41..W. B. Meredith, *R.*
42..Hugh McNeil, *R.*
43..John Upperman, *R.*
44..W. F. Aull, *R.*
45..Samuel S. Steele, *R.*
46..F. H. Agnew, *R.*
47..Samuel McClure, *R.*
48..J. W. Lee, *R.*
49..E. A. Walling, *R.*
50..Homer T. Humes, *D.*

HOUSE OF REPRESENTATIVES.

The House consists of 141 Republicans, and 60 Democrats. Members receive $1,000 each per session and mileage; Speaker, $500 extra.

ADAMS.
S. S. Stocksleger, *R.*
Ephraim Myers, *R.*

ALLEGHENY.
N. H. Voeghtley, *R.*
James H. Graham, *R.*
B. F. Rynd, *R.*
R. M. Snodgrass, *R.*
S. Mawhinney, *R.*
George W. Richards, *R.*
A. C. Robertson, *R.*
S. W. Church, *R.*
George W. Moore, *R.*
S. M. Lafferty, *R.*
H. K. Sample, *R.*
W. E. Thompson, *R.*
J. F. Cox, *R.*
Wm. Barton, *R.*

ARMSTRONG.
A. D. Glen, *R.*
Robert Dougherty, *R.*

BEAVER.
R. L. Sterling, *R.*
W. H. Marshall, *R.*

BEDFORD.
E. S. Ashcom, *R.*
C. P. Calhoun, *R.*

BERKS.
B. C. Baer, *D.*
J. Z. Beck, *D.*
L. P. G. Fegley, *D.*
J. W. Sponagle, *D.*
H. D. Greene, *D.*
A. G. W. Smith, *D.*

BLAIR.
Edmund Shaw, *R.*
S. B. Isenburg, *R.*

BRADFORD.
J. H. Shaw, *R.*
S. D. Sterigere, *R.*
H. Howell, *R.*

BUCKS.
John Swartz, *D.*
Charles Gaine, *D.*
S. Phillips, *D.*
H. J. Shoemaker, *R.*

BUTLER.
John M. Leighner, *R.*
Joseph Hartman, *R.*

CAMBRIA.
James Cooper, *R.*
Nathaniel Horne, *D.*

CAMERON.
G. A. Barclay, *R.*

CARBON.
John Craig, *D.*
J. W. Malloy, *D.*

CENTRE.
John A. Woodward, *D.*
L. Rhone, *D.*

CHESTER.
Levi B. Kaler, *R.*
T. K. Stubbs, *R.*
William Wayne, *R.*
Levi Fetters, *R.*

CLARION.
A. M. Neely, *D.*
Barney Vensel, *D.*

CLEARFIELD.
J. H. Norris, *D.*

CLINTON.
A. W. Brungard, *D.*

COLUMBIA.
William Bryson, *D.*
A. L. Fritz, *D.*

CRAWFORD.
F. R. Nichols, *R.*
L. C. Beach, *R.*
John Fuller, *R.*
H. S. Bates, *R.*

CUMBERLAND.
John Graham, *D.*
G. M. D. Eckles, *D.*

DAUPHIN.
Charles A. Miller, *R.*
J. B. Seal, *R.*
J. W. Rife, *R.*

DELAWARE.
Robert Chadwick, *R.*
John H. Robinson, *R.*

ELK.
W. H. Horton, *D.*

ERIE.
James Burns, *D.*
J. B. Brown, *R.*
E. K. Nason, *R.*
Thomas Osborn, Jr., *R.*

FAYETTE.
J. B. Schnatterly, *D.*
Jesse M. Boswell, *D.*

FOREST.
Peter Berry, *R.*

FRANKLIN.
James H. Clayton, *R.*
H. G. Critzman, *R.*
J. Burns White, *R.*

FULTON.
J. J. Cromer, *R.*

GREENE.
Andrew Lautz, *D.*

HUNTINGDON.
J. G. Boyer, *R.*
James P. Giles, *R.*

INDIANA.
John Lowry, *R.*
John P. Elkin, *R.*

JEFFERSON.
William Altman, *R.*

JUNIATA.
James North, *D.*

LACKAWANNA.
George Farber, *R.*
John T. Williams, *R.*
M. Gilroy, *R.*

LANCASTER.
S. T. Davis, *R.*
W. H. Brosius, *R.*
M. Heidelbaugh, *R.*
D. D. Courtney, *R.*
John S. Kemper, *R.*
Henry S. Book, *R.*

LAWRENCE.
Silas Stevenson, *R.*
Henry C. Falls, *R.*

LEBANON.
John H. Imboden, *R.*
H. S. Gockley, *R.*

LEHIGH.
Hugh E. Crilly, *D.*
Milton R. Schaffer, *D.*
M. B. Harwick, *D.*

LUZERNE.
Charles D. Foster, *R.*
M. B. Hughes, *R.*
N. C. Northrup, *R.*
H. C. Magee, *R.*
James A. Sweeney, *D.*
Patrick F. Durkin, *D.*

LYCOMING.
Thomas Dinan, *R.*
Frank Porter, *D.*
J. L. Barclay, *D.*

MERCER.
J. W. Russell, *R.*
R. A. Harsh, *R.*
T. B. Roberts, *R.*

M'KEAN.
Robert H. Rose, *R.*

MIFFLIN.
George S. Hoffman, *R.*

MONROE.
W. E. Gregory, *D.*

MONTGOMERY.
John M. Cunningham, *R.*
W. A. Redding, *R.*
T. J. Stewart, *R.*
W. D. Heebner, *R.*
Samuel Faust, *R.*

MONTOUR.
Jacob P. Hoffa, *D.*

NORTHAMPTON.
J. P. Engleman, *D.*
J. J. Ealer, *D.*
P. C. Evans, *D.*

NORTHUMBERLAND.
James Riland, *D.*
J. W. Brown, *D.*

PERRY.
W. H. Sponsler, *R.*

PHILADELPHIA.
W. S. Mollineaux, *R.*
H. McDonald, *R.*
James C. Hassett, *D.*
George McGowan, *D.*
William Carberry, *D.*
John Donohue, *D.*
Bruno Ernst, *R.*
H. E. Mackin, *D.*
H. K. Boyer, *R.*
William Weild, *R.*
Boise Penrose, *R.*
C. W. Betts, *R.*
J. McCullough, *R.*
A. H. Crawford, *D.*
C. R. Gentner, *D.*
W. H. Vogdes, *R.*
William M. Kidd, *R.*
W. G. McNeill, *R.*
George Robinson, *R.*
George Morgan, *D.*
J. J. McCaffrey, *D.*
John E. Faunce, *D.*
W. F. Stewart, *R.*
J. H. Medlam, Jr., *R.*
Peter Saybolt, *R.*
W. B. Scott, *R.*
George Warman, *R.*
W. H. Keyser, *R.*
E. Bennett, Jr., *R.*
R. R. Deardon, *R.*
W. H. Brooks, *R.*
W. W. Ridge, *R.*
C. W. Thomas, *R.*
John H. Haspel, *R.*
W. McAvoy, *R.*
George McNutt, *R.*
H. P. Connell, *R.*
J. E. Romig, *R.*

PIKE.
M. D. Mott, *D.*

POTTER.
Elymus Hackett, *R.*

SCHUYLKILL.
M. A. Leary, *R.*
D. D. Phillips, *R.*
Thomas Purcell, *D.*
E. W. Thomas, *R.*
Charles W. Sherman, *R.*
John M. Kaufman, *R.*

SNYDER.
George A. Schoch, *R.*

SOMERSET.
A. J. Colborn, *R.*
W. S. Morgan, *R.*

SULLIVAN.
B. S. Collins, *D.*

SUSQUEHANNA.
E. H. True, *R.*
George Ressequie, *R.*

TIOGA.
Horace B. Packer, *R.*
Henry M. Foote, *R.*

UNION.
Albert Schooley, *R.*

VENANGO.
George S. Criswell, *R.*
W. J. Hulings, *R.*
Frank Riddle, *R.*

WASHINGTON.
R. V. Johnson, *R.*
Brit Hart, *R.*
George S. Graham, *R.*

WAYNE.
Charles H. Gardner, *R.*
T. B. Hardenberg, *R.*

WARREN.
Henry Brace, *R.*

WESTMORELAND.
M. M. Dick, *R.*
Thomas J. Williams, *R.*
Robert Dudley, *R.*

WYOMING.
Nelson Lee, *D.*

YORK.
Charles Williams, *D.*
P. J. Barnhart, *D.*
M. J. McKinnon, *D.*
J. P. Robinson, *D.*

RECAPITULATION.

	Republicans.	Democrats.
Senate	31	19
House	141	60

Republican majority on joint ballot, 93.

PENNSYLVANIA ELECTION RETURNS.

Counties.	President, 1884.				President, 1880.				Governor, 1882.		
	Blaine *R.*	Cleveland, *D.*	Butler, *G. L.*	St. John *T.*	Garfield, *R.*	Hancock, *D.*	Weaver, *G.*	Dow, *Pro.*	Pattison, *D.*	Beaver, *R.*	Stewart, *Ind.*
Adams	3080	3530	32	32	3137	3752	69	.....	3181	2606	148
Allegheny	37865	19469	2687	1087	35539	22096	1636	110	16834	18679	4726
Armstrong	4685	3591	156	275	4721	3991	375	9	3351	3568	185
Beaver	5075	3546	222	138	4700	3498	129	6	3055	2733	734
Bedford	3985	3815	42	31	3638	3723	53	.....	3406	3021	192
Berks	9587	16484	97	129	9225	16959	179	2	15922	8142	259
Blair	6396	4649	133	252	5808	4728	195	35	3970	4487	266
Bradford	8405	4216	304	521	8152	4950	496	67	4217	5199	1262
Bucks	8191	8304	19	84	8385	8627	23	12	7770	6504	603
Butler	5217	4236	110	387	5269	4678	346	47	3564	3491	512
Cambria	4253	4816	321	177	3962	4555	150	19	4247	3279	188
Cameron	757	590	3	4	647	582	27	1	484	481	86
Carbon	3250	3392	76	97	2857	3464	88	16	3061	2423	177
Centre	4057	4495	45	98	3602	4598	99	19	4178	3299	158
Chester	10885	7102	85	507	11298	7524	90	156	6290	7713	1125
Clarion	2679	3822	394	139	2933	4433	322	2	3478	1969	112
Clearfield	4271	5169	201	122	3105	4928	296	16	4063	2297	128
Clinton	2625	3025	34	69	2284	3117	36	24	2661	1730	218
Columbia	2443	4339	145	130	2236	4598	192	28	4739	1736	102
Crawford	7233	5633	1190	644	7192	5847	1759	39	5072	3711	1520
Cumberland	4659	5375	46	105	4431	5462	119	20	4618	3615	373
Dauphin	9394	6378	170	128	8573	6619	315	22	5671	6941	726
Delaware	7512	4508	38	171	7008	4473	21	17	3828	4586	931
Elk	1082	1447	127	31	720	1534	88	.....	1287	399	150
Erie	9230	6725	265	631	8752	6471	641	12	5727	5218	575
Fayette	5955	6734	217	215	4920	6250	609	22	5168	3908	96
Forest	705	437	278	27	370	325	281	1	275	365	2
Franklin	5570	5261	13	117	5379	4964	4	17	4456	3653	1213
Fulton	928	1256	.....	13	853	1252	.....	2	1036	611	86
Greene	2260	4246	2	142	2210	4271	32	16	3546	1635	29
Huntingdon	3913	2908	208	165	3787	3039	393	14	2562	2420	759
Indiana	4607	1979	1186	385	4617	2119	1488	8	1893	3896	140
Jefferson	3418	2978	131	112	2750	2635	137	6	2581	2598	125
Juniata	1711	1900	41	19	1625	1999	62	19	1638	1372	53
Lackawanna	9656	6171	146	541	7357	7178	151	83	6655	5476	752
Lancaster	19848	9953	43	297	19489	10789	39	78	9866	13989	2525
Lawrence	4322	2048	176	270	4360	2047	168	93	1755	2417	584
Lebanon	5207	2977	14	8	5042	3218	7	6	2778	4313	215
Lehigh	6357	8095	6	82	6144	8292	17	6	7949	5847	98
Luzerne	13806	12854	55	537	11028	12575	372	31	10830	7317	1642
Lycoming	5355	5900	365	214	4955	6416	560	36	5114	3386	280
M'Kean	3820	2980	501	346	3693	3169	299	16	2137	1791	529
Mercer	6357	4861	518	534	6079	5029	490	245	4517	4266	386
Mifflin	2082	2085	2	64	2075	1955	25	11	1776	1375	182
Monroe	1009	3242	3	24	962	3334	17	1	2934	635	66
Montgomery	11617	11088	66	215	11026	11025	75	37	10578	9288	622
Montour	1165	1755	79	46	1263	1862	80	7	1664	1039	75
Northampton	6327	9491	84	149	5961	9653	93	21	8741	4068	645
Northumberland	5718	5835	279	101	4847	5931	319	14	5054	3876	582
Perry	3106	2883	2	60	3032	2894	.....	26	2674	2634	90
Philadelphia	101288	71288	778	1279	97220	76330	237	57	67411	70875	7992
Pike	512	1141	10	10	537	1332	10	2	1088	258	88
Potter	1990	1363	182	102	1773	1134	255	4	838	834	418
Schuylkill	11272	11200	1426	149	9337	11511	2488	3	10550	7362	1017
Snyder	2186	1460	1	39	2120	1579	13	24	1446	1873	184
Somerset	4792	2449	24	126	4150	2500	55	19	2271	3350	699
Sullivan	679	1062	136	44	625	994	72	.....	874	445	30
Susquehanna	4717	3394	221	472	5031	3802	256	28	3198	2864	689
Tioga	6714	2681	680	235	6018	2815	1151	18	2257	2270	2211
Union	2209	1395	6	60	2254	1502	11	6	1404	1303	682
Venango	3961	3432	687	438	4089	3573	685	115	2697	2386	401
Warren	3948	2691	467	422	3207	2118	684	34	1835	1891	439
Washington	6699	5849	410	383	6451	5850	330	8	5238	5192	220
Wayne	2829	2894	11	308	3122	3421	13	100	2852	1473	774
Westmoreland	8339	8346	557	307	7113	7975	899	9	7242	5644	242
Wyoming	1960	2027	33	109	1787	1983	38	9	1905	1421	165
York	8014	11562	4	128	7870	11581	9	8	10439	6148	261
	473804	392785	17002	15757	444704	407428	20668	1939	355791	315589	43743

Blaine's plurality, 81,019; Garfield's plurality in 1880 was 37,276. Pattison's plurality in 1882 was 40,202. In 1882 Armstrong (Lab.) received 23,484 votes for Governor, and Pettit (Tem.) 5,196 votes. The vote for Treasurer in 1883 was Livsey, *R.*, 321,050; Powell, *D.*, 300,999. For Auditor-General in 1883 the vote was: Miles, *R.*, 319,106; Taggart, *D.*, 302,031; Fordham, *P.*, 6,602; Rynder, *G.*, 4,452.

PHILADELPHIA.

CITY OFFICERS.

		Salary.	Term Expires.
MAYOR	WILLIAM B. SMITH, *R.*	$5,000	April, 1887.
CITY SOLICITOR	CHARLES F. WARWICK, *R.*	10,000	April, 1887.
RECEIVER OF TAXES	JOHN HUNTER, *I. R.*	2,500 and commis'ns.	April, 1887.

COUNTY OFFICERS.

CONTROLLER	COL. ROBERT P. DECHERT, *D.*	8,000	Jan., 1888.
TREASURER	WILLIAM B. IRVINE, *R.*	10,000	Jan., 1886.
COMMISSIONERS	WM. LAWSON, *R.* WM. S. DOUGLASS, *R.* CHAS. H. KRUMBHAAR, *D.*	each, $5,000	Jan., 1888.
SHERIFF	GEO. DEB. KEIM, *R.*	15,000	Jan., 1886.
RECORDER OF DEEDS	GEORGE G. PIERIE, *R.*	10,000	Jan., 1888.
DISTRICT ATTORNEY	GEO. S. GRAHAM, *R.*	10,000	Jan., 1887.
REGISTER OF WILLS	WALTER E. REX. *I. R.*	10,000	Jan., 1886.
CLERK OF QUARTER SESSIONS	WILLIAM E. LITTLETON, *R.*	5,000	Jan., 1887.
CORONER	THOS. J. POWERS, *R.*	5,000	Jan., 1887.

CITY COUNCILS.

[To be reorganized April, 1885. Councilmen are not salaried.]

SELECT COUNCIL.

President—JAMES R. GATES, *R.* *Clerk*—JOSEPH H. PAIST, *R.* Salary, $2,000.
Assistant Clerk—HENRY W. ROBERTSON, *R.* Salary, $1,600. *Clerk and Messenger*—MORTIMER L. JOHNSON, *R.* Salary, $1,300.

Wards.
1. Albert A. Ardis, Sr., *R.*
2. John Brady, *D.*
3. Peter Monroe, *D.*
4. Wm. McMullin, *D.*
5. Jas. B. Anderson, Jr., *R.*
6. Thomas J. Ryan, *D.*
7. John L. Lawson, *R.*
8. A. Haller Gross, *D.*
9. Eugene Townsend, *D.*
10. Joseph B. Van Dusen, *R.*
11. Edward Matthews, *D.*

Wards.
12. John J. McDevitt, *D.*
13. John H. Graham, *R.*
14. Samuel Hart, *R.*
15. Charles H. Banes, *D.*
16. George W. Scherr, *D.*
17. George W. Hetrick, *D.*
18. Henry Johnson, *R.*
19. Thomas J. Rose, *R.*
20. Thomas M. Hammett, *R.*
21. Wm. B. Trites, *D.*
22. James R. Gates, *R.*

Wards.
23. Thomas Green, *R.*
24. John L. Grim, *D.*
25. Michael O'Rourke, *D.*
26. James Evans, *R.*
27. Edward W. Patton, *R.*
28. Wm. McMurray, *R.*
29. Henry R. Shoch, *R.*
30. Wm. Thornton, *R.*
31. James Whitaker, *R.*

Republicans, 17; Democrats, 14; total, 31.

COMMON COUNCIL.

President—CHARLES LAWRENCE, *R.* *Clerk*—JOHN ECKSTEIN, *R.* Salary, $2,000.
Assistant Clerk—GEORGE W. KOCHERSPERGER, *R.* Salary, $1,600.
Clerks and Messengers—GAVIN NEILSON, *R.*, and GEO. W. JOHNSON, *R.* Salaries, $1,300 each.

Wards.
1. Charles Lawrence, *R.*
   Andrew J. Maloney, *R.*
   James L. Steward, *R.*
   J. Frederick Loeble, *R.*
   Wm. H. Robertson, *R.*
2. James Moran, *D.*
   George H. McCully, *D.*
   Charles F. Iseminger, *D.*
3. Joseph D. Murphy, *D.*
   Wm. H. Doyle, *D.*
4. Geo. H. Hoffman, *D.*
   Richard Hazard, *D.*
5. Job Hambleton, *R.*
   Adam S. Conway, *D.*
6. Vacancy.
7. Charles L. Howell, *R.*
   Robert L. Pyle, *R.*
   Jacob Purnell, *R.*
8. Wencel Hartman, *R.*
   John J. Ridgway, Jr., *R.*
9. Oscar M. Wilson, *R.*
10. J. Raymond Claghorn, *R.*
    John W. Patton, *R.*
    Frank M. Riter, *R.*
11. Joseph C. Springer, *D.*
12. Alex. Reinstine, *D.*
13. Joseph L. Jones, *R.*
    James C. Collins, *R.*
14. Wm. H. Millick, *R.*
    Lewis T. Young, *R.*

Wards.
15. Aaron Fries, *R.*
    Uselma C. Smith, *R.*
    David C. Cleaver, *R.*
    Chas. H. Cummings, *R.*
    T. M. Thompson, *R.*
16. Henry Clay, *R.*
    Ellis Ewell, *D.*
17. John P. Clark, *D.*
    John J. McKernan, *D.*
18. John F. Trenchard, *R.*
    Charles F. Beck, *R.*
    Wm. R. Claridge, Jr., *R.*
19. Henry H. Wisler, *R.*
    S. Y. Hotchkiss, *R.*
    H. M. Martin, *R.*
    Wm. J. Turner, *R.*
    Lewis Miller, *R.*
20. A. A. Grace, *R.*
    Charles K. Smith, *R.*
    Gilbert W. Greger, *R.*
    Andrew Zane, Jr., *R.*
    Harry P. Crowell, *R.*
21. David Wallace, *R.*
    Isaac Wilde, *D.*
22. Joshua T. Owen, *R.*
    Thomas Meehan, *R.*
    Geo. E. Ford, *R.*
23. Charles E. Webster, *R.*
    Joseph H. Brown, *R.*
    Joshua B. Welsh, *R.*

Wards.
24. Daniel T. Jenks, *R.*
    Wm. B. Werntz, *R.*
    L. D. Prince, *R.*
    Thos. L. Hicks, *R.*
    John W. Pierson, *R.*
25. Charles A. Kauffman, *R.*
    Wm. Holeman, *D.*
    John W. Bain, *R.*
    Arthur Devlin, *D.*
26. John Steen, *R.*
    Joseph Caldwell, *R.*
    C. W. Karsner, *R.*
    David Thompson, *R.*
27. W. Elwood Rowan, *R.*
    John M. Walton, *R.*
28. John Bardsley, *R.*
    J. M. Vanderslice, *R.*
    Wm. F. Albrecht, *R.*
    John D. Heins, *R.*
29. John O. Taxis, *R.*
    John E. Hanifen, *R.*
    John Hunter, *R.*
    Elias P. Smithers. *R.*
    John L. Baldwin, *R.*
30. James McCormick, *R.*
    S. Pemberton Budd, *R.*
    William McCoach, *R.*
31. Robert S. Leithead, *R.*
    Watson D. Upperman, *R.*
    Samuel Goodin, *R.*

Republicans, 73; Democrats, 16; vacancy, 1; total, 90.

POLICE.

Mayor's Office, S. W. cor. Fifth and Chestnut Streets.

All appointments by the Mayor subject to confirmation by Select Council.

Mayor—Wm. B. Smith, *R.* ($5,000). *Mayor's Clerks*—Joseph F. Marcer, *R.*, Howard March, *R.* (Salaries, $1,500). *Assistant Clerk*—John L. Linton, *R.* ($1,080). *Messenger*—Thomas H. Leaborn, *R.* ($821.25).

Chief of Police—James Stewart, Jr., *R.* ($2,450). *Clerk to the Chief of Police*—Joseph W. Thompson, *R.* ($900). *Police Clerk at Central Station*—John B. Moffit, *R.* ($1,080). *Fire Marshal*—Charles W. Wood, *R.* ($1,800). *Captains of Police*—First Division, Joseph M. Schooley, *R.*; Second Division, John W. Emery, *R.*; Third Division, Harry M. Quirk, *R.*; Fourth Division, Thomas Brown, *R.* (salaries $1,500 each).

Detective Officers—James Donaghy, *R.*; Harry Wolf, *R.*; Peter Miller, *R.*; William Hulfish, *R.*; Alexander Grey, *R.*; Kerlin Bond, *R.*; Thomas G. Crawford, *R.*; Joseph Howser, *R.* Salaries, $1,130 each.

Magistrates at Central Station—Thomas R. South, *R.*; Robert R. Smith, *R.*

District Station-Houses.

Salaries of Lieutenants, $1,092.50 each.

Reserve—Walter Brode, *R.*

First District—Station-house, Fitzwater, below Twentieth. *Lieutenant*, William Warnock, *R.* Second—Second, above Christian. Lewis Gillingham, *R.* Third—Union above Third. David B. Roche, *R.* Fourth—Fifth Street, above Race. William H. Shields, *R.* Fifth—Fifteenth, above Locust. Edwin L. W. Lilton, *R.* Sixth—Eleventh, above Race. Enoch E. Walton, *R.* Seventh—St. John, above Buttonwood. Jacob Albright, *R.* Eighth—Buttonwood, above Tenth. Chas. B. Edgar, *R.* Ninth—Twenty-third and Brown. Joseph H. Jordan, *R.* Tenth—Front and Master. Chas. E. Bealc, *R.* Eleventh—Girard Avenue, near Otis. George Wood, *R.* Twelfth—Tenth and Thompson. Nathan S. Kemble, *R.* Thirteenth—Manayunk. A. C. Allison, *R.* Fourteenth—Germantown Hall. Alexander Buchanan, *R.* Fifteenth—Frankford. Wm. L. Dungan, *R.* Sixteenth—Thirty-ninth and Lancaster Avenue. William P. Brown, *R.* Seventeenth—Taylor, below Passayunk Avenue. George W. Thompson, *R.* Eighteenth—Dauphin and Trenton Avenue. James Ferguson, *R.* Ninteenth—Lombard, below Eighth. Alexander Skilton, *R.* Twentieth—Filbert, above Fifteenth. John K. Myers, *R.* Twenty-first—Darby Road and Thirty-eighth. George Blankley, *R.* Twenty-second—Lehigh and Park Avenues. F. R. Kelly, *R.* Twenty-third—Jefferson, above Twentieth. E. M. Lyons, *R.* Twenty-fourth—Belgrade and Clearfield. John J. Nester, *R.* Delaware Harbor—Station-house, Front and Noble. Geo. Moore, *R.* Schuylkill Harbor—Station-house, Fairmount Water Works. William H. Francis, *R.*

The force consists of 4 captains, 8 detectives, 27 lieutenants, 57 sergeants, 54 house sergeants (telegraph operators), 1,250 policemen (25 of whom are turnkeys). Salaries of sergeants, $1,028.28, house sergeants and 900 policemen, $2.38 per day while on actual duty.

POLICE MAGISTRATES.

Salary, $3,000 each.

Officers of the Board of Magistrates.—President, Robert R. Smith; Vice-President, William P. Becker; Secretary, W. H. List; Treasurer, Ezra Lukens.

Courts.—No. 1—Wm. A. Thorp, *R.* Passayunk Avenue, below Reed Street. No. 2—J. K. Findlay, D., 1424 South Street. No. 3—Jas. L. Brown, *R.*, 214 Christian Street. No. 4—Hugh Collins, D., 816 Passayunk Avenue. No. 5—Wm. H. List, *R.*, 144 South Sixth Street. No. 6—J. B. Martin, D., 501 Chestnut Street. No. 7—John McClintock, *R.*, 323 South Eighth Street. No. 8—Robert R. Smith, *R.*, 713 Sansom Street. No. 9 Richard J. Lennon, *D.*, 36 South Seventh Street. No. 10—J. F. Pole, *R.*, 108 North Seventh Steet. No. 11—A. H. Ladner, *D.*, 305 Vine Street. No. 12—Ezra Lukens, *R.*, 835 Callowhill Street. No. 13—Charles Brown, *R.*, 1731 Fairmount Avenue. No. 14—John Thompson, *R.*, 2800 Frankford Avenue. No. 15—Joseph S. Allen, *R.*, 244 East Girard Avenue. No. 16—William P. Becker, D., 959 North Third Street. No. 17—Henry Myers, *R.*, 606 York Street. No. 18—B. O. Severn, *R.*, 1012 Columbia Avenue. No. 19—J. S. Riley, *R.*, 1242 North Nineteenth Street. No. 20—John Rink, D., 4415 Main Street, Manayunk. No. 21—Thomas W. South, *R.*, 4304 Main Street, Frankford. No. 22—Geo. R. Krickbaum, *R.*, Chelton Avenue, opposite Depot, Germantown. No. 23—Thomas H. Clark, D., 4091 Lancaster Avenue. No. 24—Thomas Randall, *R.*, 3612 Chestnut Street.

HIGHWAY DEPARTMENT.

Office, City Hall.

Chief Commissioner—John D. Estabrook, *R.* Salary, $4,500. Elected by Councils. Term Expires January, 1886.

Assistant Commissioners—Wm. R. Green, *R.*; Thomas Gilligan, *R.*; John B. White, *R.*; Wm. C. Cranmer, *R.*; John Martin, *R.*; Charles H. Carpenter, *D.* Salaries, $1,800 each.

Chief Clerk—Malcolm M. Coppuck, *R.* Salary, $1,800.

Assistant Clerks—Isaac R. Martindell, *R.*; Joseph Sturges, *R.* Salaries, $900 each.

License Clerk—J. G. Dixon, *R.* Salary, $1,170.

Assistant Clerk—E. W. Smitheman, *R.* Salary, $900.

Miscellaneous Clerk—H. C. Briggs, *R.* Salary, $900.

Street Superintendents—Andrew M. Shinkle, *R.*, and Robert C. Hicks, *R.* Salaries, $900 each.

Messenger—George G. Evans, *I. R.* Salary, $720.

SURVEY DEPARTMENT.

Office, City Hall.

Chief Engineer and Surveyor—Samuel L. Smedley, *R.* Salary, $3,600. Elected by Councils. Term expires 1887.

Principal Assistant—J. Milton Titlow, *R.* Salary, $1,800.

Assistant Engineer—John K. Little, *R.* Salary, $1,800.

Recording Clerk—Geo. Sturges, *R.* Salary, $1,350.

Registrar—John H. Dye, *R.* Salary, $1,350.

Draughtsmen—W. G. Walbridge, *R.*; Carl A. Trik, *R.*; and Edward H. Thompson, *R.* Salaries, $1,365.

Registration Draughtsmen — James W. Simmons, *R.*; H. C. Hamer, *R.*; John Eggleton, *R.*; H. C. Glenn, *R.*; W. H. Wester, *R.*; and Francis Lightfoot, *R.* Salaries, $900 each.

Rodman—J. H. F. Dixon, *R.* Salary, $720.

Clerks—R. B. Davis, *R.*; G. H. Marcer, *R.* Salaries, $900.

Janitor—Isaac Holland. Salary, $600.

District Surveyors—Elected by the people for five years. Salaries $500 each and fees. First District—Thomas Daly, *D.*; 2—C. W. Close, *R.*; 3—D. H. Shedaker, *R.*; 4—E. D. Roberts, *R.*; 5—A. French, *D.*; 6—Joseph Mercer, *R.*; 7—W. Albertson, *R.*; 8—J. H. Levering, *R.*; 9—H. A. Stallman, *R.*; 10—George S. Webster, *R.*; 11—Joseph Johnson, *R.*; 12—W. H. Jones, *R.*; 13—J. Hibberd, *R.*

MARKETS AND CITY PROPERTY.

Office, City Hall.

Commissioner—WILLIAM DIXEY, *R.* Salary, $3,400. Elected by Councils. Term expires February, 1886.

Chief Clerk—William Bartley, *R.* Salary, $1,500.

Assistant Clerk—D. Oram Young, *R.* Salary, $900.

Superintendent Independence Hall—Robt. Liberton, *R.* Salary, $720.

Special Officer Independence Hall—M. V. Donnelly *R.* Salary, $800.

Clerks of Markets—All Republicans, salaries, $365. Solomon Switzer, Charles H. Holst, John L. Major, John Kane, Edward Macken, Thomas Ennis, G. W. Siner, Thos. S. Stout, James G. Clark, S. W. Ogden, Samuel Johnson, G. W. Metzgar, D. M. Woodward, Mr. Reeves, Albert Schoening, Lewis Kinsley, E. T. Jackson, C. Fite, M. Potts, W. P. Pontzler, G. W. Wright.

Superintendent Morgue—S. M. Fox, *R.* $700.

Superintendents of Halls and Public Squares—(All Republicans), National Museum, Mrs. T. M. Wilson, salary, $405; City Burial Ground, Wm. Taylor, salary, $450; Passayunk Square, George W. Thompson, salary, $250; Fair Hill, P. Rittenhouse, salary, $250; Germantown Hall, Charles Humphries; Franklin Square, John D. Yerkes; Independence Square, Thomas Armitage; Washington Square, W. S. Rigli; Rittenhouse Square, W. S. Beatty; Logan Square, Horace Green; Jefferson Square, George W. Shaeffer; and Norris Square, John H. Myers. Salaries, $600 each.

WATER DEPARTMENT.

Office N. W. Corner Thirteenth and Spring Garden Streets.

Chief Engineer—Wm. Ludlow, *D.* Salary, $6,000. Elected by Councils. Term expires March, 1866.

Assistant Engineers—Salaries, John L. Ogdon, *R.*, $1,800; Lloyd Bunkson, $1,500.

Draughtmen—Salaries, John E. Codman, $1,800; C. O. Lindroth, $1,350; T. Mellon Rogers, $1,000.

General Superintendent—Joseph J. de Kinder. Salary, $3,000.

Chief Clerk—J. T. Hickman, *R.* Salary, $1,800.

Assistant Clerk—L. L. Dean, *R.* Salary, $1,080.

Clerk to General Superintendent—John A. Hayes, *R.* Salary, $850.

Pipe Recording Clerks—William Whitby, Allen J. Fuller. Salaries, $900 each.

Pipe Inspector—Theo. S. Baker. Salary, $1,200.

Time Clerk—William J. James. Salary, $850.

Registrar—A. N. Keithler. Salary, $2,750.

Registrar's Chief Clerk—Wm. J. Halliday. Salary, $1,350.

Cashier—John F. Scheidt, *R.* Salary, $1,300.

Permit Clerk—E. S. Highbee, *R.* Salary, $1,080.

Registering Clerk—A. Buckheister, *R.* Salary, $1,080.

Receiving Clerks—George S. Macauley, *R.*, Charles D. Birney, *R.* Salaries, $1,000 each.

General Clerks—Joseph Fisher, Charles L. Hayden, John M. Stacker, W. W. Widdifield, Charles H. Russell, Kennedy McNeal. Salaries, $900 each.

Chief Inspector—Thomas Orr, *R.* Salary, $950.

Inspectors—Edward D. Thomas, Wm. H. Hergesheimer, Lewis Obermiller, James H. Graham, Edward M. Rowe, Wm. A. Agnew, James Carr, Thomas Shaffer, John Simon, Wm. Erwin, Henry Marshall, S. D. Woodington, James Cameron, Wm. Pound. Salaries, $900 each.

Superintendent of Shop—JAMES F. NEALL, *R.* Salary, $1,500.

Clerk to Superintendent of Shop—John M. Curtis, *R.* Salary, $850.

Purveyors.—First District—John H. Holmes. 2d—David A. Craig. 3d—Charles J. Lowry. 4th—John Montgomery. 5th—Henry Dawson. 6th—David B. Morrell. Salaries, $1,480 each.

Purveyor's Clerks—John J. Mackey, *R.*; George B. Bunn, *R.*; Henry R. Wildey, *R.*; Arthur B. Cook, *R.*; Jonathan Bonsal, *R.* Salaries, $720 each.

General Foremen—First District—James Humes. 2d—Michael Young. 3d—Daniel Ahern. 4th—George W. Showaker. 5th—Charles Franks. 6th—George W. Jones. Salaries, $939 each.

Foremen of Repairs—First District—W. Wellington. 2d—Joseph Bryan. 3d—Wm. Magee. 4th—James Hutchinson. Salaries, $780 each.

Engineers at Pumping Stations—Fairmount, First Engineer, Joseph McElwell, *D.* Salary, $1,000. Second Engineer, Robert K. Matlock. Salary, $900. Spring Garden, Engineer in Charge, A. C. Bonsall, *R.* Salary, $1,100. Assistant Engineers, David Pyke, Wm. Wakefield, Abraham Stott, Jas. Dean. Salaries, $950 each. Belmont, Engineer in Charge, Christian Bezold. Salary, $1,000. Assistant Engineers, William Kiner, Thomas Seddon. Salaries, $900 each. Roxborough, Engineer in Charge, Theodore Atcheson. Salary, $1,000 each. Assistant Engineers, Lewis Culp, Joshua Bartley. Sal-

aries, $810 each. Mount Airy, Engineer, Archibald Weir. Salary, $750. Chestnut Hill, Engineer, James McClennahan. Salary, $750. Frankford. Engineer, Charles Douglass. Salary, $1,000. Kensington, First Engineer, Joseph Owens. Salary, $1,000. Second Engineer, Robert Parker, Salary, $900.

Foreman Carpenter—Henry Guest, *R.* Salary, $900.

Foreman Bricklayer—Frank A. Mooney, *R.* Salary, $950.

Foreman Stone Mason—Crawford Lukens, *R.* Salary, $900.

Foreman Rigger—James Forest, *R.* Salary, $900.

FIRE DEPARTMENT.

Head-quarters, S. W. corner Juniper and Race Streets.

Commissioners—Jacob Landenslager, *R.* (President); Samuel B. Gilpin, *R.*; Blaney Harvey, *R.*; Edward Furlong, *R.*; George Roney, *R.*; William F. McCully, *D.*; Joseph S. Robinson, *D.* Not salaried. Elected by City Councils.

Chief Engineer—John R. Cantlin, *R.* Salary, $2,300.

Assistant Engineers—J. T. Hammond, *R.*; James C. Baxter, *R.*; John Smith, *R.*; William F. Mooney, *D.*, and William Stagart, *R.*; John Humphries, *R.* Salaries, $1,200 each.

Secretary—Wm. C. Zane, *R.* Salary, $1,200.

Clerk of Storehouse—William Hayes, *R.* Salary, $800.

Messenger—Henry Boardman, R. Salary, $700.

The Fire Department consists of thirty-one Engines and six Trucks, operated by thirty-one Enginemen, at a salary of $1,000 each; thirty-one Firemen, at a salary of $800 each; thirty-seven Drivers and six Tillermen, at a salary of $800 each: thirty-seven Foremen, at a salary of $1,000 each; and three hundred and eight Hose and Laddermen, at a salary of $800 each, who are permanently employed.

ELECTRICAL DEPARTMENT.

Head-quarters, Central Station, Fifth and Chestnut Streets.

Chief—D. R. Walker, *R.* Salary, $2,500.

Clerk—Wm. Culbertson, *R.* Salary, $1,200.

Inspector—John C. Sager, *R.* Salary, $1,000.

Operators—(All Republicans), Wm. Carpenter, Wm. Uber, Wm. Stuard, Robert Gillen, Edward Burke, Frederick Young. Salary, $900 each.

DEPARTMENT OF THE POOR.

Office, No. 42 North Seventh Street; Almshouse, 34th and South Streets.

Board of Guardians—P. K. Daly, *D.*; John Huggard, *D.*; E. F. Hoffman, *R.* (President); J. Wesley Durham, *R.*; W. R. Chapman, *R.*; William McAleer, *D.*; John Ruhl, *R.*; Joseph Paxson, *R.*; James Stewart (Treasurer), *R.*; Thomas Biddle, M. D., *R.*; Richard C. McMurtrie, *R.*; Wm. H. Zeigler, M. D., *R.*

Superintendent—George H. Smith, *R.* Salary, $2,700.

Secretary—Robert C. Floyd, *D.* Salary, $1,700.

Chief Physician—D. D. Richardson, *R.* Salary, $2,250.

Storekeeper and Chief Clerk—A. F. Randolph, *R.* Salary, $1,300.

House Agent—Oliver P. Bohler, *R.* Salary, $900.

Chief Apothecary—S. W. Miller, M. D., *R.* Salary, $1,080.

Overseer of Manufacturing—John B. Snyder, *R.* Salary, $1,200.

Outdoor Agent—A. D. W. Caldwell, *R.* Salary, $1,200.

Hospital Warden—Thomas N. McLaughlin, M. D. Salary, $1,000.

HEALTH.

Office, S. W. corner Sixth and Sansom Streets.

Members of the Board elected by City Councils in Joint Convention—Horatio G. Sickel, *R.* (President); A. A. Hirst, *D.* (Secretary); J. G. Patterson, *R.*; William B. Kinsey, *R.*; R. A. Cleeman, M. D., *D.*; William H. Ford, M. D., *R.*; Alfred H. Dingee, *R.*; T. L. Vanderslice, *R.*; Walter Allison, *R.*; Wm. H. Dutton, *D.*; Dr. Jos. G. Richardson, *R.*; M. A. Davis, *R.*

Health Officer—M. Veale, *D.* Salary, $2,100 and fees.

Chief Clerk—Wm. P. Troth, *R.* Salary, $1,800.

Medical Inspector—J. H. Taylor, *R.* Salary, $1,500.

Registration Clerk—George E. Chambers, *R.* Salary, $1,200.

Assistants—Hamilton Patterson, Charles W. Murray, J. V. P. Turner, and John T. Johnson. Salaries, $750 each.

Port Physician—Henry Leffman, M. D., *D.* Salary, $1,200.

Lazaretto Physician—Francis S. Wilson, M. D., *D.* Salary, $2,500.

Lazaretto Steward—Robert Cairns, *R.* Salary, $1,080.

Quarantine Master—H. R. Manley, *D.* Salary, $2,000.

In Charge of Municipal Hospital—Wm. M. Welch, M. D., *R.*, *Physician;* salary, $1,500; James S. Haynes, *R.*, *Steward;* salary, $640.

General Clerks—A. T. Lynch, *R.*; J. W. Brown, *R.*; G. S. Hughes, *R.* Salaries, $1,000 each.

Runner—David Brown, *R.* Salary, $500.

Chief Nuisance Inspector—S. H. Martin, *R.* Salary, $900.

Assistant Inspectors—Edward A. Howell, John J. Jack, Wm. H. Livezy, John W. Cobb, Charles F. Kennedy, Theo. D. Spear, J. W. Jones, Harry C. McDevitt. Salaries, $900 each.

COUNTY PRISON.

Passayunk Avenue and Reed Street.

Inspectors—Edward Smith, J. Price Wetherill, Casper Wister, M. D. (President), Henry D. Welsh, Charles Hill, S. B. Stitt, Wm. M. Reilly (Treasurer), William C. Houston, E. Robins, Emlen Hutchinson.

Superintendent—Howard Perkins, *R.* Salary, $2,250.

Clerk—J. K. Howell, *R.* Salary, $1,125.
Deputy Superintendents—John Mirkil, *R.*; A. P. Richardson, *R.* Salaries, $1,125 each.
Physician—Benjamin F. Butcher, *R.* Salary, $900.
Apothecary and Assistant Physician—F. Sharp, *R.* Salary, $810.
Sup't of Shoe Dep't—T. K. Bowman, *R.* Salary, $1,200.
Prison Agent—Charles Heritage, *R.* Salary, $1,125.
Gate Keepers—C. Abel, *R.*; E. Rogers, *R.* Salaries, $810 each.
Messenger—Henry S. Peterson, *R.* Salary, $810.
Matrons—Elizabeth Matthews and Ann Slover. Salaries, $585 each.

HOUSE OF CORRECTION.

Office, Harmony and Hudson Streets.

Managers—Robert Laughlin, *R.* (President); Robert C. Tittermary, *R.*; R. G. Oellers, *R.* (Treasurer); William A. Duff, *R.*; Samuel Emlen, *R.*; John Dunn, *R.*; Samuel C. Willitts, *R.*; John Roberts, *R.*; E. A. Shallcross, *R.*; Thomas S. Disston, *R.*
Secretary—Edwin Palmer, *R.* Salary, $1,200.
General Superintendent—Edwin A. Merrick, *R.* Salary, $2,500.
Master Warden—Robert McBride, R. Salary, $1,500.
Visiting Physician—Benj. Pennebaker, *R.* Salary, $900.
Chief Engineer—Charles J. Smith, *R.* Salary, $720.
Messenger—S. A. Kilpatrick, *R.* Salary, $648.
Resident Physician—J. Pearson Willitts, *R.* Salary, $900.
Captain of the Guard—James S. Thompson, *R.* Salary, $900.
Matron—Susan H. Swain. Salary, $675.

CORONER'S OFFICE.

Office, Southwest corner Seventh and Chestnut Streets.

Coroner—Thomas J. Powers, *R.* Salary, $5,000. Term expires 1887.

(The employees given are those who held position under Coroner Janney.)

Deputy—Samuel H. Ashbridge, *R.* Salary, $2,500.
Physicians—Henry F. Formad, *R.*, and Robert R. Stewart, *R.* Salaries, $1,250 each.
Clerk—Thomas Dugan, *R.* Salary, $1,000.
Assistant Clerk—John S. Donal, *R.* Salary, $700.
Messengers—John Kurtz and John P. Wolf. Salaries, $700 each.
Wagon Driver—John W. Shuman, *R.* Salary, $1,800.
Undertaker—J. Louis Good, *R.*

PUBLIC EDUCATION.

Office, 713 Filbert Street.

Members of the Board—First Section, A. S. Janks, *R.* Second, A. Nebinger, M. D., *D.* Third, Samuel F. Flood, *D.* Fourth, P. A. Fagen, *D.* Fifth, John M. Campbell, *D.* Sixth, John Shedden, *R.* Seventh, Lewis Elkin, *R.* Eighth, Simon Gratz, *R.* Ninth, J. Freeborn, *R.* Tenth, M. P. Hutchinson, *R.* Eleventh, Samuel T. Child, *D.* Twelfth, M. Hall Stanton, *R.* Thirteenth, John L. Kinsey, *R.* Fourteenth, A. M. Spangler, *D.* Fifteenth, Henry S. Godshall, *R.* Sixteenth, Isaac A. Sheppard, *R.* Seventeenth, James Hughes, *D.* Eighteenth, Alexander Adair, *R.* Nineteenth, William F. Miller, *R.* Twentieth, Jos. C. Ferguson, *R.* Twenty-first, Edward T. Steel, *R.* Twenty-second, Spencer Roberts, *R.* Twenty-third, Richardson L. Wright, *D.* Twenty-fourth, Edward Lewis, *R.* Twenty-fifth, Thomas W. Marchment, *D.* Twenty-sixth, Paul Kavanagh, *R.* Twenty-seventh, William M. Smith, *R.* Twenty-eighth, Charles F. Abbott, *R.* Twenty-ninth, William Gulager, *R.* Thirtieth, W. J. Pollock, *R.* Thirty-first, James Pollock, *R.*
President—Edward T. Steel.
Secretary—Henry W. Halliwell, *R.* Salary, $2,000.
Assistant Secretary—A. F. Hammond, *R.* Salary, $1,450.
Superintendent—James MacAlister, *R.* Salary, $5,000.
Assistant Superintendents—Andrew J. Morrison, *D.*, and James F. C. Sickel, *R.*, salary, $2,500; and Lydia A. Kirby and May Haggenbotham, salary, $1,800 each.
Clerk to Superintendent—Adele M. Smith. Salary, $750.
Architect and Supervisor of School Buildings—Joseph D. Austin, *D.* Salary, $2,000.
Assistant—J. W. Anshutz, *R.* Salary, $1,000.
First Clerk—Albert B. Beale, *R.* Salary, $1,000.
Second Clerk—L. E. Drake. *R.* Salary, $930.
Third Clerk—William Dick, *R.* Salary, $840.
Messenger—William S. Ruff, *R.* Salary, $900.

TAXES.

ASSESSMENT OF TAXES.

Office, City Hall.

Board of Revision—Simon Gratz, *R.*; Wm. Loughlin, *D.*; George W. Fairman, *R.* Salaries, $4,000 each.
Chief Clerk—James W. Sayre, *R.* Salary, $2,000.
Assistant Clerk—Wm. H. Loughlin, *D.* Salary, $1,500.
Division and Locality Clerk—Frank E. Snow, *R.* Salary, $1,000.
Allowance Clerk—Wm. A. Cushing, *R.* Salary, $1,000.
Appeal Clerk—John W. Woodward, *R.* Salary, $1,000.
Certificate Clerk—Chas. Van Dusen, *R.* Salary, $1,000.
Record Clerk—Horatio N. H. Stokley, *R.* Salary, $1,000.
Miscellaneous Clerks—Joseph Allison, *R.*; Chas. H. Baker, *R.*; Joseph Matthews, *R.*; Charles H. Phillips, *D.*; Richard J. Louden sloger, *D.*; James Mahoney, *D.*; John K. Loughlin *D.* and Harry M. Smith, *R.*
Messenger—Davis Moore, *R.* Salary, $700.
Assessors—Salaries, $2,000 each. First District—First Ward and portion of Twenty-sixth Ward, east of Broad Street—Albert List, Peter Monroe. Second District—south side of South Street, west side of Broad Street to Schuylkill River—A. M. Magg

Jr., R. A. Lukens. Third District—Second, Third and Fourth Wards—Joseph L. Nobre, Joseph Eneu. Fourth District—Fifth and Sixth Wards—Jos. B. Barry, H. A. Gildea. Fifth District—north side of South Street, south side of Vine Street, west side of Seventh Street, and east side of Thirteenth Street—John G. Adair, E. G. Carlin. Sixth District—north side of South Street, south side of Chestnut Street, west side of Thirteenth Street, to Schuylkill River—James D. Keyser, Albert A. Dunton. Seventh District—north side of Chestnut Street, south side of Vine Street, west side of Thirteenth Street to Schuylkill River—Alfred Gratz, C. Haggarty. Eighth District—north side of Vine Street, south side of Master Street, west side of Broad to Schuylkill River—James E. Ritchie, Howard Josephs. Ninth District—north side of Vine Street, south side of Master Street, west side of Sixth Street to east side of Broad Street—Peter Bobb, F. P. Haggerty. Tenth District—Eleventh, Twelfth and Sixteenth Wards—H. H. Wilson, George R. Berrell. Eleventh District—Seventeenth and Eighteenth Wards—Jos. W. Kerr, John Gormley. Twelfth District—north side of Master Street, east side of Broad Street, west side of Sixth Street and Germantown Avenue—Wm. H. Thomas, James O'Hara. Thirteenth District—north side of Master Street, south side of Lehigh Avenue, west side of Broad Street, to Schuylkill River—Theophilus Cornell, John V. McManus. Fourteenth District—Nineteenth Ward—Jno. T. Finletter, B. Frank Gaskill. Fifteenth District—Thirty-first Ward—Wm. G. Lamon, Chas. W. Potter. Sixteenth District—Twenty-fifth Ward, south of Wheat Sheaf Lane—Wm. T. Seal, Isaac S. Cassin. Seventeenth District—Twenty-third Ward, and portion of Twenty-fifth Ward, north of Wheat Sheaf Lane—John Cooper, E. H. Flood. Eighteenth District—Twenty-second Ward, south of Chelton Avenue, and Twenty-eighth Ward, north of Lehigh Avenue and west of Germantown Avenue and Broad Street—Fountain Ward, T. A. Sloan. Nineteenth District—Twenty-first Ward and Twenty-second Ward north of Chelten Avenue—Josephus Yeakel, Wm. H. Doyle. Twentieth District—Twenty-fourth Ward—F. M. Mayhew, Jesse T. Vodges. Twenty-first District—Twenty-seventh Ward—Robert Paschall, Isaac Leech.

The first-named in each District is a Republican, the latter is a Democrat.

COLLECTION OF TAXES.

Receiver of Taxes—JOHN HUNTER, *I. R.* Salary, $2,500, and commission.

Office, City Hall. Time expires April, 1877.

Chief Clerk—J. H. Connellan, *D.* Salary, $2,000.

Cashier—Isaac C. Underdown, *R.* Salary, $2,500.

Deputy Receiver—Henry C. Stout, *R.* Salary, $2,000.

Discount Clerk—J. F. Needham, *R.* Salary, $1,500.

Bill Clerks—Thos. Wattson, *R.*; Wm. T. Maguire, C. Harry Fletcher, Geo. de Haven, Geo. Richards, *R.*; Anthony D. Levering, *R.*; John McGill, *R.*; George W. Shedwick, *D.* Salaries, $1,000 each.

Registering Clerks—Wm. Wattson, *R.*; Edward E. Joachim, *D.*; Wm. H. Garman, *R.*; Joseph L. Silver, Jr., *R.* Salaries, $1,000 each.

Auditor—Millard B. Wimer, *R.* Salary, $1,000.

Judicial Sales Clerk—Thos. K. Arnold, *D.* Salary, $1,000.

Chief Search Clerk—W. M. Neisser, *R.* Salary, $1,200.

Assistant Search Clerks—John Cartledge, *D.*; Jesse N. Rooke, *R.*; Wilbur F. Preston, *R.*; William S. Hergesheimer, *D.* Salaries, $1,000 each.

Messenger—William H. Buck, *R.* Salary, $1,000.

Watchman—E. D. Marshall, *D.* Salary, $600.

Janitor—John P. Gordon, *R.* Salary, $600.

DELINQUENT DEPARTMENT.

Office, City Hall.

Chief Deputy Collector, HENRY B. TENER, *R.* Salary, $2,500.

(This office was consolidated with the Receiver of Taxes on April 7, 1884.)

Solicitor—Joseph L. Caven, *R.* Paid by fees.

Lien Solicitor—Kinley J. Tener, *R.* Salary, $1,200.

Cashier—Andrew P. Chism, *R.* Salary, $1,800.

Register—C. M. Berry. *R.* Salary, $1,500.

Lien Clerk—Theodore James, *R.* Salary, $1,500.

Bill Clerk—Casper M. Perry, *R.* Salary, $1,200.

Locality Clerk—Jacob L. Reiff, *R.* Salary, $1,200.

Deputy Collectors—First Ward—Thomas F. Close; 2—L. T. Lynch; 3—J. L. C. Tatem; 4 and 5—Robert C. Howell; 6 and 11—John L. Bowers; 7—W. J. Carroll; 8 and 9—J. P. Sensenderfer; 10—John Ertel; 12 and 18—Wm. P. Stilz; 13—Isaac H. O'Hara; 14 and 20, James H. Avery and Wm. Lapthorne; 15—Ephraim Haws; 16 and 17—James Nichol; 19—Thomas West; 21—Wm. H. Preston; 22—Daniel L. Stewart; 23—Jesse H. Coltman; 24 and 27—James R. Bissex, George W. Barton, Charles R. Maguire; 25—Frederick W. Wagner; 26—George L. Harvey; 28—James W. Campbell; 29—Charles A. Widmer; 30—John F. Keator; 31—Andrew Keyser. Paid by commissions.

Distraining Officers—John Ertel, *R.*; F. M. Wagner, *R.*; J. W. Campbell, *R.*; Chas. H. Binns, *D.*; James Nicholl, *R.*; E. P. Michener, *R.*; Charles H. Buck, *R.*; G. H. Smith, *R.* Paid by commissions.

DEPARTMENT OF CITY CONTROLLER.

Office, City Hall.

Controller—ROBERT P. DECHERT, *D.* Salary, $8,000. Term expires, Jan., 1888.

(The employees are those who held positions under Mr. Hirst.)

Chief Clerk—Frank W. Leach, *I. R.* Salary, $2,500.

Chief Auditor—Edwin A. Pue, *R.* Salary, $2,500.

Book-keeper—Clifford J. Cadwallader, *D.* Salary, $1,800.

Assistant Book-keeper—John T. Hogan, *D.* Salary, $1,200.

Auditors—Salaries, $1,200 each; John W. Boileau, Jr., *D.*; John Gallagher, *D.*; Edward C. Deery, *D.*; Silas W. Smith, *D.*; James Montague, *D.*; Joseph H. Klemmer, *R.*; John A. Boger, *R.*; John Cassin, *D.*; A. J. Fredericks, *D.*

Department Clerks—All Democrats; salaries, $1,200 each; J. McCarthy, Alfred A. Mullin, James J. King, Morris Tuteur, Robert S. Monks, John McGrogan.

Return Clerk—A. J. Diamond, *D.* Salary, $1,200.

Registers—Robert S. Monks, *R.*; John H. Cahill, *R.*; Thomas H. Donnelly, *R.*; John R. Lynch, *D.* Salaries, $1,000 each.

Messenger—Charles H. Boyle, *D.* Salary, $800.

CITY TREASURY.

Office, City Hall.

City Treasurer—W. B. IRVINE, *R.* Salary, $10,000. Term expires, 1886.

Chief Clerk—Carroll Neide, *R.* Salary, $2,500.

Receiving Tellers—Wm. A. Robinson, *R.*, and Joseph W. Catharine, Jr., *R.* Salaries, $1,500 each.

Assistant Receiving Teller—William C. Barnes, *R.* Salary, $1,000.

Paying Teller—Charles C. Corcoran, *R.* Salary, $2,300.

Assistant Paying Tellers—John Gallagher, *R.* Salary, $1,200. James McConnell, *R.* Salary, $1,100.

Book-keeper—David C. King, *R.* Salary, $1,800.

Assistant Book-keeper—Chas. E. Orme, *R.* Salary, $1,000.

Warrant Clerk—C. R. McCauley, *R.* Salary, $1,500.

Assistant Warrant Clerks—Frank W. Newbold, *R.*, and Samuel McIntyre, *R.* Salaries, $1,000 each.

State Clerk—Frank F. Bell, *R.* Salary, $1,500.

Assistant State Clerks—Chas. Heidmann, *R.*; J. Fred. Volk, *R.*, and J. D. Roberts, *R.* Salaries, $1,000 each.

Miscellaneous Clerk—John R. Foremen, *R.* Salary, $900.

Messenger—Geo. W. Hewitt, *R.* Salary, $700.

Watchmen—Wm. McPhail, *R.*, and Wm. Wallace, *R.* Salaries, $720 each.

RECORDER OF DEEDS.

Recorder—GEORGE G. PIERIE, *R.* Salary, $12,000. Term expires January, 1888.

Office, No. 425 Chestnut Street.

(The employees are those who held positions under Mr. O'Donnel.)

Deputy Recorder—Joseph K. Fletcher, *R.* Salary, $2,500.

Chief Clerk—Alfred C. Stulb, *R.* Salary, $2,000.

Chief Search Clerk—Ralph N. Warner, *R.* Salary, $2,000.

Search Clerks—R. S. Galbraith, *R.*; Samuel Sparhawk, *R.*; Geo. W. Sayre, *R.* Salaries, $1,500 each.

Mortgage Index Clerk—Jacob Adler, *R.* Salary, $1,500.

Conveyance Index Clerk—W. S. Ridgway, *R.* Salary, $1,200.

Book-keeper—John Pollock, *R.* Salary, $1,200.

Conveyance Search Clerks—Samuel A. Welch, *R.*, and David McIlwain, *R.* Salaries, $1,000 each.

Special Index Clerks—Wm. W. Broom, Geo. W. Brown, Geo. H. Quick, Ellwood M. Stillwell, Geo. W. Shaffer and Wm. Spence. All Republicans, and salaries, $1,000 each.

Superintendent of Transcribing Room—John S. Cameron, *R.* Salary, $1,000.

Miscellaneous Clerks—Benj. F. Gaunt, Charles S. Weston, Geo. W. Jackson and Joseph T. Lewis. All Republicans, and salaries, $900 each.

Compare Clerks—Samuel R. Clime, *R.*, and John Stephens, *R.* Salaries, $900 each.

Messenger—James A. Junior, *R.* Salary, $700.

Janitor—James H. Parker, *R.* Salary, $600.

Custodian of Records—Alex. W. Scott, *R.* Salary, $500.

Transcribing Clerks—(All Republicans)—Wm. Bayle, Spry Owen, Christian F. Gramlich, Robert M. Moore, Jr., Clayton G. Young, Clement M. Hemphill, Nicholas F. English, John T. Casey, Frank Naulty, S. D. Cozzens, J. P. Castor, J. C. Addis and F. J. Doerr. Salaries, 40 per cent. of fees received.

REGISTER OF WILLS.

Register—WALTER E. REX, *I. R.* Salary, $10,000. Term expires, 1886.

Office, No. 419 Chestnut Street.

Deputy Register—Wm. G. Shields, *R.* Salary, $2,000.

State Appraiser—Gen. J. Wm. Hoffmann, *I.* Salary, $1,500.

Transcribing Clerks—Samuel M. Lane, *R.*; Walter H. McGuire, *D.* Salaries, $1,000 each.

Account Clerk—Harry A. Chester, *D.* Salary, $1,000.

Account Clerk—Henry A McKane, *D.* Salary, $1,000.

Recording Clerks—Charles Irwin, *R.*, and James L. Cooper, *R.* Salaries, $1,000 each.

Miscellaneous Clerk—C. Morris Glackens, *D.* Salary, $500.

Messenger—J. Dudley Worman, *D.* Salary, $700.

QUARTER SESSIONS.

Clerk—WILLIAM E. LITTLETON, *R.* Salary, $5,000. Term expires, 1887.

Deputy Clerk—Richard Peltz, *R.* Salary, $2,500.

Court Clerk—A. Wilson Henszey, *R.* Salary, $2,500.

Assistant Clerks—William B. Ahern, *R.*; Charles H. Good, *R.* Salaries, $1,200 each.

Record Clerk—Benjamin N. Faunce, *R.* Salary, $1,200.

Fee Clerk—J. Elmer Hall, *R.* Salary, $1,200.

Road Clerk—Lewis C. Dunlap, *R.* Salary, $1,000.

Search Clerk—Wm. L. Foreman, *R.* Salary, $900.

Subpœna Clerk—George W. Hutchinson, *R.* Salary, $900.
Miscellaneous Clerk—Chas. Yoce, *R.* Salary, $900.
Messenger—Isaac C. White, *R.* Salary. $700.

DISTRICT ATTORNEY.

Office, New Court House, Sixth Street below Chestnut.

District Attorney—GEORGE S. GRAHAM, *R.* Salary, $10,000. Term expires, 1887. (The employees given are those who held positions during Mr. Graham's first term.)

First Assistant—F. Amedee Bregy, *R.* Salary, $6,000.
Second Assistant—John L. Kinsey, *R.* Salary, $5,000.
Third Assistant—John A. Siner, *R.* Salary, $3,000.
Murder Detective—Charles F. Myers, *R.* Salary, $1,200.
General Detective—Henry Weyl, *R.* Salary, $1,500.
Clerk—J. M. R. Jermon, *R.* Salary, $1,200.
Fee Clerk—S. P. Galton, *R.* Salary, $500.

SHERIFF'S OFFICE.

Office, State House Row.

Sheriff—GEORGE DEB. KEIM, *R.* Salary, $15,000. Term expires January 1, 1886.

Real Estate Deputy—James E. Salter, *R.* Salary, $4,000.
Clerk to Real Estate Deputy—John A. Warner, *R.* Salary, $1,500.
Personal Estate Deputy—John H. Anderson, *R.* Salary, $2,000.
Fee Clerk—Leonard G. Myers, *R.* Salary, $1,000.
Solicitor—David W. Sellers, *D.* Salary, $2,000.
Assistant Solicitor—W. Grew, *R.* Salary, $1,500.
Deputy Sheriffs—George J. Van Houten, *R.*; Adam Allbright, *R.*; Augustine S. Roberts, *R.*; Charles Algeo, *R.*; William T. Brown, *R.*; and Thomas H. Stokley, *R.* Salaries, $1,000 each.
Clerks to Deputy Sheriffs—Alexander Morrison, *R.*; George W. Fox, *R.*; John McCormack, *R.*; and Frank G. Walter, *R.* Salaries, $900 each.
Auctioneer—J. Harbeson Barnes, *R.* Salary, $600.
Execution Clerk—Ellwood Everett, *R.* Salary, $1,200.
Appearance Clerk—John P. Sipler, *R.* Salary, $1,000.
Assistant Appearance Clerk—Solomon W. May, *R.* Salary, $900.
Messenger—Louis Marth, *R.* Salary, $700.
Janitor—James Purnell, *R.* Salary, $500.
Bill Poster—Andrew Jackson, *R.* Salary, $1,000.
Quarter Sessions Deputy—Levi C. Hart, *R.* Salary, $700.
Assistant Quarter Sessions Deputy—John Siner, *R.* Salary, $700.
Use and Driver of Van—Andrew Hague, *R.* Salary, $1,500.
Court Deputies—No. 1, Horace Gaw, *R.*; No. 2, A. J. Reilly, *R.*; No. 3, Henry I. McIntyre, *R.*; No. 4, Eli G. Sellers, *R.* Salaries, $100 each.

COUNTY COMMISSIONERS.

Office, City Hall.

WILLIAM S. DOUGLASS, *R.*; WILLIAM LAWSON, *R.*; CHARLES H. KRUMBHAAR, *D.* Salary, $5,000 a year.

Chief Clerk—Joseph H. Winters, *R.* Salary, $1,500.
Election Clerks—Lewis T. Caron, *R.*; David S. Scott, *R.* Salaries, $900 each.
Messenger—William Harvey, *R.* Salary, $1,000.

DEPARTMENT OF LAW.

Northeast corner of Sixth and Locust Streets.

City Solicitor—CHARLES F. WARWICK, *R.* Salary, $10,000. Term expires April, 1887.

First Assistant—Robert Alexander, *R.* Salary, $3,000.
Second Assistant—Abraham M. Beitler, *R.* Salary, $2,000.
Solicitor for Guardians of Poor—S. E. Cavin, *R.* Salary, $2,000.
Clerks—Wm. D. Kelley, Jr., *R.*, salary, $800; Joseph L. Hopson, *R.*, salary, $800; E. Spencer Miller, *R.*, salary, $700.
Assistants, all Republicans—Charles B. McMichael, William H. Addicks, Frank M. Riter, Henry S. Taylor, John K. McCarthy. Salaries, $1,250 each. Thomas D. Finletter, Henry Walton and F. T. Sorver. Salaries, $1,000 each.

PROTHONOTARY COMMON PLEAS.

Office, S. E. corner Sixth and Chestnut Streets.

Prothonotary—William B. Mann, *R.* Salary, $10,000. Appointed by the Judges.
Deputy—Charles B. Roberts, *R.* Salary, $3,500.
Second Deputy—Charles N. Mann, *R.* Salary, $2,000.
Chief Clerk—James W. Fletcher, *R.* Salary, $1,800.
Judgment Search Clerks (all Republicans)—Charles F. Tyer, J. B. Thackara, S. B. Hoppin and C. H. Kretschmar. Salaries, $1,200 each.
Locality Clerks—Enos P. Jefferis, *R.*; Samuel B. Vandusen, *R.*; Edward G. Lee, *R.* Salaries, 1,200 each.
Appearance Clerks—Isaiah Kenderdine, *R.*; John Briggs, *R.*; Frank G. Clay, *R.*; Wm. H. Leeds, *R.* Salaries, $1,200 each.
Mechanics' Lien Clerk—George W. Hammersly, *R.* Salary, $1,200.
Writ Clerks—F. C. Manderson, *R.*; James B. Webb, *R.*; William MacCain, *R.* Salaries, $1,200 each.
Index Clerk—Robert Turnbull, *R.* Salary, $1,200.
Fee Clerks—Frank R. Burbank, *R.*; Thos. Ashton, *R.* Salaries, $1,200.
First Exemplification Clerk—Eugene J. Lindsay, *R.* Salary, $1,400.
Second Exemplification Clerk — Frank Smith, *R.* Salary, $1,000.
Recording and Miscellaneous Clerks (all Republicans)—Stephen Green, Clement G. McCullough, Robert N. Barber, W. Horace Mann, E. J. Walker, F. M. Mayhew, I. K. Lyster, F. S. Chapron. Salaries, $975 each.
Custodian of Records—James A. Ziegler, *R.* Salary, $900.

Custodian of Books—W. B. Mann, *R.* Salary, $800.

Messenger—John A. Barnes, *R.* Salary, $800.

PARK.

Office, City Hall.

Fairmount Park Commissioners—E. C. Knight, *R.*; Fred G. Wolbert, *R.*; Geo. H. Boker, *R.*; John Welsh, *R.*; David W. Sellers, *D.*; E. Coppee Mitchell, *D.*; Gustavus Remak, *R.*; Jas. McManes, *R.*; Wm. S. Stokley, *R.*

Ex-officio Members—Wm. B. Smith, *R.*; Charles Lawrence, *R.*; Col. Wm. Ludlow, *D.*; Wm. Dixey, *R.*; Samuel L. Smedley, *R.*; James R. Gates, *R.*

President—John Welsh.

Vice-President—Gustavus Remak.

Secretary—F. M. Dougherty, *R.* Salary, $2,000.

Treasurer—F. G. Wolbert, *R.*

Park Solicitor—Samuel C. Perkins, *R.* Salary, $1,200.

Superintendent of the Park—Russell Thayer, *R.* Salary, $3,000.

Captain of Park Guard—Louis M. Chasteau, *R.* Salary, $1,825.

GAS TRUST.

Office, Seventh Street, above Chestnut. The Trustees are not salaried.

Board of Trustees—Wm. D. Gardner, *R.* (*President*), Wm. W. Alcorn, *R.*; Thomas H. Gill, *D.*; James McManes, *R.*; James E. Salter, *R.*; Wm. R. Leeds, *R.*; Alfred Moore, *R.*; John S. Rittenhouse, *R.*; Effingham B. Morris, *R.*; Wm. H. Smith, *R.*; M. Hall Stanton, *R.*; James Work, *R.*

Chief Engineer of Works—Wm. K. Park, *R.* Salary, $5,500.

Cashier—Samuel M. White, *R.* Salary, $4,950.

Superintendent of Distribution—Joseph P. Boone, *R.* Salary, $2,750.

Registrar—Thomas Noble, *R.* Salary, $2,500.

Chief Clerk of Works—Charles S. Dungan, *R.* Salary, $1,980.

Controller—Frank A. Pennington, *R.* Salary, $2,500.

Purchasing Agent and Store-keeper—Alex. J. McCleary, *R.* Salary, $3,000.

Book-keeper—Edward J. Loag, *R.* Salary, $2,200.

Chief Clerk at Main Office—W. J. Roney. Salary, $2,200.

Registrar, Spring Garden—George G. Shoch, *R.* Salary, $2,000.

Registrar, Germantown—George W. Karsner, *R.* Salary, $1,300.

Registrar, Frankford—Jonathan Brooke, *R.* Salary, $1,064.

Registrar, Manayunk—A. C. Matthews, *R.* Salary, $1,100.

Foreman, Point Breeze—John Roberts, *R.* Salary, $1,650.

Foreman, Ninth Ward Works—John Beckenbach, *R.* Salary, $1,650.

Foreman, Twenty-fifth Ward Works—John J. Thomas, *R.* Salary, $1,100.

BUILDING INSPECTORS.

Office, No. 709 Sansom Street.

Members of the Board—Jas. Zimmerman, *R.*; Jos. M. Hancock, *R.*; Robt. N. Bowers, *R.* Salaries, $2,000 each.

Secretary—Wm. H. Butler, *R.*

BOILER INSPECTORS.

Chief Inspector—John Overn, *R.* Salary, $2,000.

Assistants—James L. Dewees, *R.*; L. O. Madden, *R.*; Wm. Hodges, *R.*; Charles Deininger, *R.*; W. S. Boyd, *R.* Salaries, $1,200 each.

Clerk—Edward Erdmann, *R.* Salary, $1,200.

Collector—J. M. Simpson, *R.* Salary, $700.

PUBLIC BUILDINGS.

The Board has authority to fill vacancies.

Commissioners—Wm. Brice, *R.*; Isaac S. Cassin, *D.*; Wm. S. Stokley, *R.*; Mahlon H. Dickinson, *R.*; William B. Smith, *R.*; Thos. E. Gaskill, *D.*; John L. Hill, *R.*; Hiram Miller, *R.*; Richard Peltz, *R.*; Samuel C. Perkins, *R.*; Charles Lawrence, *R.*; James R. Gates, *R.*

President—Samuel C. Perkins, *R.*

Secretary—F. De Haes Janvier, *R.* Salary, $2,500.

Treasurer—W. B. Irvine, *R.*

Architect—John McArthur, Jr., *R.*

Chief Clerk—Wm. B. Land, *R.* Salary, $1,200.

CITY TRUSTS.

Office, 12th and Girard Streets.

Directors—Jos. L. Caven, *R.*; Jas. Campbell, *D.*; Dr. James Simpson, *R.*; Richard Vaux, *D.*; Wm. L. Elkins, *R.*; B. B. Comegys, *R.*; William H. Drayton, *D.*; William B. Mann, *R.*; John H. Michener, *R.*; George H. Stuart, *R.*; Louis Wagner, *R.*; W. B. Smith, *R.*; Charles Lawrence, *R.*; Alex. Biddle, *R.*; James R. Gates, *R.*

President—Alex. Biddle, *R.*

Vice-President—W. H. Drayton, *D.*

Secretary—Charles T. Miller, *R.*

Superintendent of Girard Estates—Jas. A. Kirkpatrick, *R.*

Engineer—Heber S. Thompson, *R.*

GIRARD COLLEGE.

President—A. H. Fetterolf.

Vice-President—Henry D. Gregory.

EASTERN PENITENTIARY.

21st Street and Fairmount Avenue.

Inspectors—Richard Vaux, *D.* (President); Geo. L. Harrison, *R.*; Stuart Patterson, *R.*; John M. Maris, *R.*; Furman Sheppard, *D.*

Warden—Michael J. Cassidy, *R.*

Treasurer—John M. Maris, *R.*

Resident Physician—Wm. D. Robinson, M. D., *R.*

Moral Instructor—Rev. J. Y. Ashton, *R.*

HOUSE OF REFUGE.

23d and Brown Streets.

Office, Girard Street, above Eleventh.

President—James J. Barclay.

Vice-Presidents—Frederic Collins, George M. Troutman.

Treasurer—Henry Perkins.
Secretary—Alfred M. Collins.
Assistant Secretary—Thomas A. Robinson.
Counsellors—Isaac Hazelhurst, George W. Biddle.
Solicitor—James J. Barclay.
Physicians—Jacob Roberts, F. M. Perkins.
Superintendent—J. Hood Laverty.
Matron—Mary A. Campbell.

CITY ICE-BOATS.

Office, No. 115 Walnut Street.

Trustees—Edward T. Halliwell (President); Thos. J. Martin (Secretary); Frank T. Downing, Galloway C. Morris, John B. Llewellen, George W. Mears, C. A. Griscom. All Republicans.
Superintendent—H. E. Melville, *R.* Salary, $1,650.
Clerk—A. H. Waters. Salary, $1,000.

PORT WARDENS.

Office, Commercial Exchange, Second Street, above Walnut Street.

E. K. Stevenson, William R. Tucker, Nicholas Lennig, Theo. Frothingham, Joseph S. Elwell, James M. Ferguson (President); Charles H. Cramp, Geo. A. Cotton, Wm. M. Neall; Chester, Amos Gartside, Bristol; Frank T. Downing, John B. Llewellen, Charles S. Lowery, Nathan McK. Wilson, Samuel T. Kerr, Sheppard G. Young, Joel Cook, Joseph S. Pierce, and Christian K. Ross.
Master Warden—Christian K. Ross, *R.* Salary, $2,500.
Harbor Master—James P. Lindsay, *R.* Salary, $2,500.
Secretary—Jonathan Gillingham, *R.* Salary, $1,080.
Vessel Clerk—John F. Bailey, *R.* Salary, $600.

COURTS.

COMMON PLEAS COURTS.

Judges elected for ten years. Salaries, $7,000 each.

No. 1.

Fifth Street, below Chestnut.

President Judge—Joseph Allison, *R.*
Associate Judges—William S. Pierce, *R.*; Craig Biddle, *R.*
Clerk—George T. Diess, *R.* Salary, $1,400.
Crier—Horace D. Gaw, *R.* Salary, $1,252.
Assistant Crier—R. M. Stokley, *R.*

No. 2.

Sixth and Chestnut Streets.

President Judge—J. I. Clark Hare, *R.*
Associate Judges—J. T. Mitchell, *R.*; D. Newlin Fell, *R.*
Clerk—Thomas B. Reeves, *R.* Salary, $1,400.
Crier—A. Jackson Reilly, *R.*
Assistant Crier—W. B. Reed, *R.*

No. 3.

Chestnut Street, above Fifth.

President Judge—James R. Ludlow, *D.*
Associate Judges—Thomas K. Finletter, *R.*; Wm. H. Yerkes, *R.*
Clerk—J. Penn McCain, *R.* Salary, $1,400.
Crier—Henry McIntire, *R.*
Assistant Crier—A. P. Keyser, *R.*

No. 4.

Chestnut Street, below Sixth.

President Judge—M. Russell Thayer, *R.*
Associate Judges—Robert N. Willson, *R.*; Michael Arnold, *D.*
Clerk—Chas. H. White, *R.* Salary, $1,400.
Crier—Eli G. Sellers, *R.*
Assistant Crier—W. B. Hart.

ORPHAN'S COURT.

No. 211 South Sixth Street.

President Judge—Wm. B. Hanna, *R.* Salary, $7,000.
Associate Judges—Clement B. Penrose, *R.*; William N. Ashman, *R.* Salary, $7,000 each.
Register of Wills—Walter E. Rex, *I. R.* (*ex-officio* Clerk).
First Assistant Clerk—A. J. Fortin, *R.* Salary, $2,000.
Second Assistant—Edward Nichols, *R.* Salary, $1,200.
Third Assistant—James S. Bird, *R.* Salary, $1,000.
Recording Clerk—George Hickman, *D.* Salary, $1,000.
Miscellaneous Clerk—Howard S. Bear, *R.* Salary, $1,000.
Messenger—E. L. Joyce, *R.* Salary, $800.
Crier—H. M. Wadsworth, *R.* $4 per day.

SUPREME COURT OF PENNSYLVANIA.

Court Rooms, City Hall, South Wing.

Chief-Justice—Ulysses Mercur, *R.*

Justices—Isaac G. Gordon, *R.*; Edward M. Paxson, *R.*; John Trunkey, *D.*; J. P. Sterrett, *R.*; Henry Green, *R.*; Silas M. Clark, *D.*
Prothonotary—Charles S. Greene, *R.*
Chief Clerk—H. P. Newlin, *R.*
Search Clerk—W. A. Smith, *D.*

SURVEYORS AND ADMIRALTY ASSESSORS.

Office, No. 140 Walnut Street.

Capt. George F. Hewitt.
Capt. Thomas A. Norgrave.
Capt. Leonard D. Barrett.
Capt. Jacob Teal.

Surveys are made on all cargoes subject to damage by water caused by stress of weather.

Inspector of Petroleum—Arthur Stewart, *R.*
Superintendent of Powder Magazine—Parkhurst McLaughlin, *R.*
Pharmaceutical Examining Board—Lawrence Wolff, J. Frank Hays, Hibbert P. John, J. L. Supplee, J. J. Ottinger.
Mercantile Appraisers—R. C. Tittermary, *R.*; George H. Haines, *R.*; E. W. Patton, *R.*; David Martin, *R.*; Frank McGrath, *D.*

UNITED STATES OFFICERS IN PHILADELPHIA.

U. S. CIRCUIT COURT.

Third floor new Court House and Post-Office Building, Ninth and Chestnut.

Judges—Supreme Court Justice, Joseph

P. Bradley. Circuit Court Judge, William McKennan.
Clerk—Samuel Bell, *R.*

U. S. DISTRICT COURT.

Third floor, New Court House and Post-Office Building, Ninth and Chestnut.

Judge—William Butler.
Clerk—Chas. S. Lincoln.
U. S. District Attorney—John K. Valentine, *R.*
Assistants—Henry P. Brown, *R.*; Hood Gilpin, *R.*; James F. Nickerson, *R.*
U. S. Marshal—James N. Kerns, *R.*
U. S. Deputy Marshals—Thomas Marple, Chas. F. Cake, Wm. Reuter, Gustav Winzer and Chas. Eager. All Republicans.
U. S. Commissioners—Charles Gilpin, J. Cooke Longstreth, Henry Phillips, Jr., Charles P. Clarke, Aubrey H. Smith, Chas. Gibbons, Jr., Samuel Bell, Frederick C. Brightly, Henry R. Edmunds.
Registers in Bankruptcy—Edwin T. Chase, B. Franklin Fisher, Sussex B. Davis and Joseph Mason.

CUSTOM HOUSE.

Collector—John F. Hartranft, *R.*
Naval Officer—E. H. Nevin, Jr., *R.*
General Appraiser—Lewis Heyl, *R.*
Appraisers—E. B. Moore, *R.*; Wm. Gaw, *R.*; John A. Caldwell, *R.*
Surveyor—George F. Leland, *R.*
Inspector Drugs—William W. Lamb, *R.*
Inspector Hulls—Joseph Mershon, *R.*
Assistant Inspector Hulls—Peter Cramp, *R.*
Boiler Inspector—F. L. Hand, *R.*
Shipping Commissioner—Jas. A. O'Brien, *R.*

POST-OFFICE.

Postmaster—Henry S. Huidekoper, *R.*
Assistant Postmaster—James T. Bingham, *R.*
Sup't of Inquiry Dep't—L. G. Wunder, *R.*
Sup't of Registry Dep't—F. A. Davies, *R.*
Sup't of Money Order Dep't—C. Myers, *R.*
Sup't of Carrier's Dep't—W. B. Madara, *R.*

UNITED STATES MINT.

Superintendent—A. Loudon Snowden, *R.*
Coiner—O. C. Bosbyshell, *R.*
Melter and Refiner—James C. Booth, *R.*
Assayer—Jacob B. Eckfeldt, *R.*
Chief Clerk—H. C. Hickok, *R.*
Engraver—Charles E. Barber, *R.*

INTERNAL REVENUE.

Second Floor new Court House and Post-office Building, Ninth and Market Sts.

Collector—Wm. J. Pollock, *R.*

U. S. ASSISTANT TREASURER.

Office, Library Street, below Fifth.

Treasurer—George Eyster, *R.*

PENSION AGENCY.

Second Floor new Court House and Post-office Building, Ninth Street above Chestnut Street.

Pension Agent—A. Wilson Norris, *R.*

Examining Surgeons—James Collins, M. D.; H. Ernst Goodman, M. D.; T. C. Rich, M. D.

U. S. ENGINEERS' OFFICE.

Office, 1125 Girard Street.

Major Wm. H. Heuer.

ARMY STAFF OFFICERS.

Office, 1139 Girard Street.

Assistant Quartermaster-General—Lieut.-Col. M. I. Ludington.
Assistant—Major W. B. Hughes, Quartermaster U. S. A.
Attending Surgeon—Lieut.-Col. D. L. Magruder, Surgeon U. S. A.

U. S. ARSENAL.

Bridesburg.

Commandant—Lieut. Ira McNutt, U. S. A.

QUARTERMASTER'S DEPOT.

Gray's Ferry Road, corner Washington Ave.

Commandant—Capt. W. H. Gill, U. S. A.

U. S. NAVY PAY OFFICE.

Second Floor new Court House and Post-office Building, Ninth Street, near Market.

Pay Director—A. W. Russell.

U. S. NAVY YARD.

League Island.

Commandant—Commodore E. Y. McCauley.
Dept. of Yard and Docks—Civil Engineer M. T. Endicott.
Dept. of Navigation, Ordnance and Equipment and Recruiting—Commander Edward H. Hooker.
Dept. of Construction and Repair—Naval Constructor S. H. Pook.
Dept. of Steam Engineering—Chief Engineer A. J. Kiersted.
Dept. of Provisions and Clothing—Paymaster W. W. Woodhull.
Dept. Medicine and Surgery—Medical Inspector M. Bradley.
Receiving Ship St. Louis—Captain W. E. Fitzhugh.
Yard Paymaster—Paymaster H. T. Skelding.
Marine Barracks—Colonel Thomas Y. Field.

U. S. NAVAL RENDEZVOUS.

No. 208 Spruce Street.

Commander—B. J. Cromwell.
Past Assistant Surgeon—A. A. Austin.
Passed Assistant Engineer—John Pemberton.

U. S. NAVAL HOSPITAL.

Gray's Ferry Road, below Bainbridge Street.

Medical Director—Edward Shippen.
Surgeon—J. W. Coles.

U. S. NAVAL ASYLUM.

Gray's Ferry Road, below Bainbridge Street.

Captain—Jos. S. Skerrett.

Commander—Allan D. Brown.
Paymaster—Joseph Foster.
Governor—Commodore Francis A. Roe.
Governor's Secretary—Walter G. Jones.
Carpenter—Isaac Cooper.

U. S. LIGHTHOUSE OFFICE.

Fourth Floor new Court House and Post-office Building, Ninth and Chestnut Sts.

Fourth District—Captain Geo. B. White.

U. S. SIGNAL OFFICE.

Fourth Floor new Court House and Post-office Building, Ninth and Chestnut Sts.

Observer in Charge—Sergeant C. N. Kitchel.

FOREIGN CONSULS AT PHILADELPHIA.

Argentine Republic, E. Shippen, 532 Walnut.
Austria-Hungary, Lars Westergaard, 138 S. Second.
Belgium, Dr. Chas E. Sajons, consul, 1630 Chestnut; Jules Reuleaux, consul-general, 1411 Thompson.
Brazil, John Mason, Jr., 138 S. Second.
Chili, E. Shippen, 532 Walnut.
Denmark, F. F. Myhlertz, Twenty-second and Barker.
Ecuador, E. Shippen, 532 Walnut.
France, P. De Bouteillier, 524 Walnut.
German Empire, C. H. Meyer, 227 Chestnut.
Great Britain, Robert Charles Clipperton, consul; George Crump, vice-consul, 259 S. Fourth.
Greece, A. H. Lennox, 138 S. Second.
Hayti, A. H. Lennox, 138 S. Second.
Italy, Nicola Squitti, 259 S. Fourth.
Liberia, Edward S. Morris, 6 S. Merrick.
Mexico, Rafael Varrios, consul; J. M. Smiley, vice-consul, 112 Walnut.
Netherlands, Lars Westergaard, 138 S. Second.
Nicaragua, Henry C. Potter, 811 Market.
Norway, Lars Westergaard, 138 S. Second.
Orange Free State, Chas. W. Riley, 602 Arch.
Paraguay, Francis Wells, 607 Chestnut.
Peru, George Blaese, 138 S. Second.
Portugal, John Mason, Jr., 138 S. Second.
Russia, Henry Preaut, 138 S. Second.
Spain, Antonio Diaz Mirandi, consul, 265 S. Fourth.
Sweden, L. Westergaard, 138 S. Second.
Switzerland, Rudolph Koradi, consul, 314 York Ave.; Werner Itschner, vice-consul, 712 Market.
Turkey, Henry W. Bartol, 139 S. Front.
Uruguay, Chas. W. Matthews, 133 Walnut.
Venezuela, vacancy.

DEBTOR LAWS OF PENNSYLVANIA.

Formerly all suits could be begun by arresting the defendant. But no *freeholder* could be arrested unless he had neglected to give bail after notice. After judgment, the defendant might be arrested to compel payment of the judgment.

By Act of February 8, 1819, no female can be arrested or imprisoned for or by reason of any debt contracted after the passage of that act.

By Act of July 12, 1842, *no person* can be arrested or imprisoned in any civil process for the recovery of money due on any contract, or for damages for the non-performance of any contract, with some exceptional cases, unless there is some fraud in the transaction.

So that now arrests in civil suits are substantially confined to cases in which the suit is for a wrong, as distinguished from a breach of contract, and to cases in which there is fraud.

In case of fraud, suit may also be begun by attaching property as security for the judgment when recovered.

Suits on all contracts against non-residents of the State may be begun by attaching their property here.

In judgments obtained upon contracts, the defendant is entitled to an exemption from execution of three hundred dollars' worth of property, and also of all the wearing apparel of himself and family, and all Bibles and school-books in use in the family. Sewing machines belonging to seamstresses in this Commonwealth, also those used and owned by private families, not kept for sale or hire, are also exempt.

It has been decided that a non-resident of the Commonwealth is not entitled to the exemption.

The time within which a suit may be brought varies from one up to twenty-one years, depending on the nature of the suit. The courts have introduced so many savings and qualifications to the Statute of Limitations that it is not possible to give a fair statement of the law in a short compass.

Since the repeal in 1878 of the U. S. Bankrupt Act of 1867, there has been no bankruptcy law, except so far as that law applies to cases begun before September 1, 1878. If a debtor wishes to prevent one creditor from sweeping away his property to the exclusion of the other creditors, he generally makes "an assignment for the benefit of creditors," that is, he makes a conveyance of all his property (except that part which is exempt from execution) to some third person. As it no longer belongs to the debtor, the creditor cannot levy an execution on it. The assignee, under the direction of the proper court, sells the property, and with the proceeds pays the debts. Wages to a limited amount are first paid, and after that all other debts are paid an equal dividend. Any provision for a preference among creditors is, in this State, strictly forbidden. If the debts are all paid in full, the balance is returned to the assignor.

There is another kind of assignment, usually called an assignment in insolvency, which, in cases free from fraud, will relieve the debtor from imprisonment. In order, however, to procure his discharge, the debtor is obliged to appear and submit to an examination under oath, in which he must answer all proper questions which any creditor may propound. In case there is reason to believe him to be guilty of any fraudulent conduct, the Judge will bind him to answer for it in the criminal court. If a majority in number and value of all his creditors assent, he may be relieved from execution for seven years. These proceedings are, however, very complicated and troublesome, and, now that imprisonment for debt arising from contracts has been abolished, are not very often resorted to.

PHILADELPHIA VOTE BY WARDS, NOVEMBER 4, 1884, WITH COMPARISONS.

Wards.	President.				Judge Com. Pleas.		Recorder of Deeds.		Controller.		Commissioners.				Mayor. Feb., 1884.		Governor, 1882.				President, 1880.	
	Blaine	Cleveland.	St. John.	Butler	Willson.	Elcock.	Pierie.	Belsterling.	Ridgway.	Dechert.	Douglass.	Lawson.	Krumbhaar.	Haggarty.	Smith.	King.	Beaver.	Pattison.	Stewart.	Armstrong	Garfield.	Hancock.
	R.	*D.*	*P.*	*G.*	*R.*	*D.*	*R.*	*D.*	*R*	*D.*	*R.*	*R.*	*D.*	*D.*	*R.*	*D.*	*R.*	*D.*	*I.*	*L.*	*R.*	*D.*
1	5250	3757	22	64	4800	4204	5189	3795	4127	4715	4939	5165	3924	3465	4367	3501	3816	3531	228	21	4749	3952
2	2511	3246	21	24	2223	3561	2476	3274	1945	3767	2404	2437	3135	2966	2191	2920	1892	2803	105	21	2415	3428
3	1384	2073	6	23	1240	2218	1333	2097	1103	2349	1287	1321	2003	1948	1255	1927	1031	1937	58	15	1981	2242
4	1319	2317	3	12	1205	2437	1286	2313	1155	2455	2035	1262	1605	2065	1204	2009	956	2095	50	8	1553	2525
5	2066	1369	7	12	1922	1553	2063	1383	1688	1736	1968	1967	961	1382	1673	1390	1384	1515	50	8	2057	1751
6	894	1111	5	28	764	1228	876	1132	670	1349	842	828	1151	1096	668	1083	619	1118	49	23	1019	1321
7	4222	1762	23	9	4131	1890	4360	1715	3622	2294	4011	4201	1882	1625	3164	1733	3037	1686	387	8	4140	1945
8	2406	1134	22	10	2284	1303	2434	1128	1875	1668	2181	2317	1439	768	1724	1319	1740	1212	412	3	2532	1365
9	1526	1056	23	8	1390	1200	1524	1049	1068	1501	1388	1485	1082	912	1150	1116	1067	1014	137	6	1655	1235
10	2941	1521	47	22	2673	1816	2955	1532	2156	2264	2718	2908	1676	1437	2214	1680	2136	1401	430	6	3240	1688
11	954	1601	5	12	873	1679	921	1616	741	1744	943	922	1582	1481	707	1628	671	1591	35	12	1038	1833
12	1325	1472	12	24	1171	1620	1260	1545	918	1855	1204	1304	1530	1397	1023	1606	987	1574	94	24	1562	1704
13	2222	1385	38	36	1991	1647	2228	1385	1573	2012	1957	2205	1538	1203	1610	1519	1496	1390	288	23	2413	1593
14	2808	1805	56	45	2478	2098	2745	1769	2045	2414	2512	2714	1857	1616	2138	1873	1869	1709	242	29	2896	1940
15	5680	3605	90	33	4829	4411	5623	3814	3740	5280	4926	5609	4151	3506	4470	3922	3893	3483	737	34	5794	3998
16	1622	1894	6	13	1451	2077	1531	1938	1156	2293	1454	1587	1961	1781	1307	1968	1187	1979	69	.....	1639	2053
17	1470	2451	4	23	1291	2635	1409	2496	1094	2784	1301	1619	2386	2346	1158	2363	1103	2334	40	.....	1442	2568
18	4156	2448	52	19	3775	2812	4099	2438	3285	3071	3742	4160	2545	2242	3577	2543	3145	2410	309	.....	3990	2644
19	5066	3919	35	72	4631	4401	5020	3981	3997	4908	4718	5176	4124	3745	3951	3591	3750	3444	222	68	4562	3993
20	5649	3420	97	30	4879	4206	5626	3421	4015	4989	5050	5609	3825	3127	4372	3721	3732	3605	568	36	5324	3773
21	2480	1775	43	16	2343	1941	2502	1726	2040	2163	2385	2481	1757	1703	2044	1566	2009	1646	145	17	2436	1656
22	3995	2276	184	6	3885	2468	4057	2262	3272	2977	2709	4020	2497	2070	2880	2510	2462	2078	653	5	3844	2335
23	3898	2256	64	7	3695	2498	3882	2263	3241	2833	3643	3848	2104	1975	3049	2113	2486	1956	172	3	3520	2157
24	5517	3846	110	29	5142	4246	5568	3809	4012	5244	4937	5507	3992	3739	4049	3671	3487	3439	614	21	5101	3978
25	4224	3836	42	32	4013	4083	4157	3898	3589	4374	3903	4197	3739	3805	3121	3477	2939	3405	130	32	3505	3724
26	4641	2647	29	36	4309	2966	4497	2614	3599	3447	4301	4585	2514	2455	3845	2220	3304	2241	188	46	3902	2758
27	2895	1294	36	2	2746	1446	2933	1263	2241	1910	2620	2877	1328	1191	2163	1393	1935	1219	344	7	3033	1375
28	5112	2888	78	32	4661	3310	5078	2875	3829	3990	4614	5032	2949	2542	3877	2699	3172	2417	413	20	4279	2767
29	5470	3065	64	31	4810	3732	5472	3025	3633	4718	4760	5424	3583	2828	4082	3275	3492	2935	602	52	4904	3243
30	3621	2053	28	25	3368	2341	3578	2067	2902	2673	3280	3559	1992	1957	3230	2017	2971	2011	166	14	3429	2443
31	4078	2067	27	43	3710	2446	3964	2102	3269	2769	3655	4075	2068	1922	3288	2087	3120	2107	180	37	3977	2367
Total	101402	71288	1279	778	92683	80463	100646	71726	77600	92534	93477	100401	73880	66295	79552	70440	70875	67411	7992	672	97239	76356
Majority	30114	Plur.			12220	Maj.	28920	Plur.	Plur.	14934					9112		3464	Plur.			20883	Maj.

For Congressman at Large, Osborne, *R.*, received 101,445 votes; Davis, *D.*, 72,005. Wm. B. Hanna, *R.* and *D.*, received 172,128 votes for Judge of Orphans' Court; Leeds, *P.*, 467. Slack, *P.*, received 751 votes for Recorder of Deeds. McKnight, *P.*, received 710 votes for Controller. Jones, *P.*, received 1,163 and Snyder, *P.*, received 1,532 votes for County Commissioners; Messrs. Lawson, Douglass, and Krumbhaar were elected. Palen, *P.*, received 258 votes for Mayor, February, 1884.

PHILADELPHIA VOTE BY DIVISIONS.

Following is the vote for President and Controller in the City of Philadelphia, Nov. 4, 1884:

Division.	President.		Controller.	
	Blaine, R.	Cleveland, D.	Ridgway, R.	Dechert, D.
1ST WARD.				
1	127	124	110	137
2	125	123	101	148
3	153	74	124	103
4	135	108	97	141
5	139	66	112	86
6	166	65	122	97
7	147	91	112	121
8	145	97	118	121
9	105	128	80	150
10	153	107	125	130
11	151	108	127	132
12	177	74	138	104
13	157	62	117	97
14	154	80	116	116
15	143	92	99	134
16	123	99	105	132
17	134	101	113	127
18	153	100	130	115
19	123	77	114	84
20	161	56	115	95
21	134	85	94	120
22	110	115	96	130
23	77	152	53	177
24	121	121	89	146
25	157	101	121	135
26	118	119	85	146
27	133	82	114	109
28	120	100	90	123
29	111	136	73	161
30	114	111	73	139
31	135	81	99	111
32	128	83	105	102
33	116	62	93	78
34	155	108	134	128
35	160	111	129	140
36	157	117	109	159
37	133	152	104	182
38	195	82	188	88
2D WARD.				
1	64	80	58	83
2	122	108	100	124
3	101	133	85	150
4	159	94	141	107
5	114	53	102	61
6	98	54	94	95
7	171	143	141	172
8	101	172	79	193
9	173	118	138	151
10	71	183	52	198
11	109	175	95	183
12	142	152	104	185
13	121	78	66	125
14	139	133	103	167
15	104	139	64	183
16	134	120	103	151
17	97	162	83	175
18	94	171	71	190
19	66	178	56	187
20	33	169	26	177
21	36	202	22	214
22	84	159	68	178
23	68	156	55	166
24	110	114	79	142
3D WARD.				
1	92	148	87	153
2	43	117	34	126
3	64	141	49	158
4	92	121	59	156
5	78	90	57	111
6	101	139	80	159
7	89	107	67	130
8	87	118	60	143
9	52	127	33	142
10	63	220	53	233
11	62	120	55	134
12	110	127	94	140
13	68	91	55	105
14	113	158	76	194
15	143	96	139	98
16	121	153	105	167
4TH WARD.				
1	10	263	56	217
2	47	135	30	159
3	67	120	33	123
4	58	159	22	183
5	70	110	53	122
6	48	110	33	122
7	50	148	42	157
8	18	175	14	179
9	33	119	33	124
10	36	221	29	216
11	17	239	18	237
12	35	164	26	171
13	136	82	117	98
14	112	84	87	106
15	149	42	137	50
16	63	55	56	60
17	194	47	174	65
18	170	44	153	58
5TH WARD.				
1	35	131	25	141
2	106	138	74	172
3	144	95	113	120
4	73	173	43	203
5	73	87	58	102
6	137	49	123	63
7	97	43	77	62
8	85	85	76	94
9	91	61	67	89
10	119	75	93	97
11	129	74	94	101
12	138	42	83	94
13	94	84	65	116
14	188	37	180	35
15	226	28	218	45
16	251	48	232	63
17	81	123	65	144
6TH WARD.				
1	83	113	57	137
2	59	143	44	159
3	65	130	48	148
4	130	150	93	186
5	86	63	59	84
6	118	130	99	154
7	101	135	77	163
8	146	113	113	159
9	106	134	80	161
7TH WARD.				
1	187	53	172	61
2	152	29	122	59
3	234	44	247	74
4	201	52	184	65
5	202	40	194	49
6	174	49	156	69
7	203	21	185	39
8	224	49	211	63
9	236	42	201	75
10	215	33	192	54
11	158	51	103	103
12	206	35	185	56
13	272	63	244	85
14	134	80	109	108
15	214	59	209	93
16	122	98	82	152
17	147	48	124	65
18	115	84	88	108
19	140	79	125	92
20	103	190	62	139
21	108	113	92	130
22	134	143	97	170
23	87	147	58	173
24	59	118	53	123
25	62	142	55	148
8TH WARD.				
1	157	95	122	130
2	169	87	134	126
3	209	78	170	114
4	241	54	211	79
5	167	81	136	112
6	112	69	87	97
7	201	31	155	52
8	163	59	121	96
9	161	44	119	83
10	175	79	135	132
11	72	36	52	56
12	155	43	128	74
13	129	80	52	154
14	127	70	96	111
15	46	102	40	113
16	128	110	104	134
9TH WARD.				
1	139	88	108	115
2	136	78	104	110
3	101	99	72	123
4	137	81	71	148
5	167	138	137	166
6	153	74	95	127
7	140	67	105	101
8	104	52	63	98
9	151	67	104	108
10	120	100	62	158
11	56	74	44	87
12	122	138	93	160
10TH WARD.				
1	155	94	122	128
2	99	83	59	118
3	153	96	125	61
4	98	56	81	75
5	174	50	146	85
6	209	80	176	111
7	122	100	103	123
8	169	98	82	165
9	125	63	88	107
10	181	56	133	92
11	158	130	120	164
12	168	119	98	175
13	107	76	80	100
14	140	56	101	92
15	149	61	107	103
16	152	44	93	114
17	182	65	122	122
18	116	60	94	84
19	105	94	91	107
20	168	98	132	128
11TH WARD.				
1	92	223	85	230
2	54	189	41	199
3	83	165	80	167
4	114	144	105	152
5	102	152	72	173
6	89	164	76	173
7	122	181	97	201
8	119	115	57	148
9	71	129	54	144
10	108	139	74	157
12TH WARD.				
1	73	145	55	160
2	98	105	71	132
3	90	72	68	98
4	99	139	55	186
5	75	86	53	114
6	126	72	87	107
7	100	104	75	126
8	112	113	82	142
9	133	77	78	118
10	99	114	84	126
11	74	115	41	142
12	82	93	65	108
13	73	135	49	156
14	91	103	55	140
13TH WARD.				
1	147	69	96	124
2	141	82	104	117
3	134	99	107	139
4	90	126	59	148
5	152	42	115	80
6	185	103	125	162
7	165	95	64	134
8	127	130	98	159
9	148	85	92	145
10	172	86	127	133
11	172	72	123	112
12	145	64	103	100
13	130	81	89	122
14	132	78	75	128
15	148	57	119	81
16	94	116	77	137
14TH WARD.				
1	174	110	123	154
2	168	59	119	66
3	145	84	122	95
4	123	114	107	129
5	118	128	91	151
6	128	69	81	113
7	74	44	54	66
8	148	63	102	106
9	193	87	125	154
10	136	70	88	103
11	169	89	105	146
12	141	121	102	161
13	153	52	118	82
14	140	99	99	134
15	111	98	77	128
16	122	85	83	116
17	120	83	86	119
18	141	84	108	117
19	158	100	127	149
20	142	95	98	132
15TH WARD.				
1	41	118	30	128
2	61	134	49	144
3	19	40	19	40
4	174	46	100	100
5	170	86	117	134
6	179	95	98	172
7	142	81	81	137
8	196	61	141	104
9	146	96	84	136
10	152	65	114	97
11	168	79	101	138
12	199	56	132	114
13	147	65	107	103
14	174	55	103	122
15	176	81	97	160
16	63	126	35	150
17	58	129	33	139
18	82	130	62	155
19	115	102	84	122
20	91	118	70	137
21	218	57	128	141
22	135	55	78	101
23	169	57	94	117
24	274	100	146	215
25	211	63	124	141
26	158	53	103	107
27	130	91	106	111
28	120	75	75	110
29	122	82	83	113
30	103	55	83	70
31	202	74	83	174
32	154	82	116	116
33	151	53	112	80
34	118	89	83	118
35	56	176	39	195
36	127	174	113	186
37	88	71	73	83
38	79	129	61	145
39	139	137	104	168
40	137	67	101	93
41	236	102	177	155
16TH WARD.				
1	48	190	40	195
2	82	105	76	109
3	119	92	95	109
4	119	129	78	153
5	98	123	75	145
6	102	83	79	95
7	93	92	74	109
8	110	76	84	96
9	80	104	51	129
10	66	110	51	125
11	95	105	70	133
12	87	103	68	119
13	134	109	72	161
14	95	101	52	143
15	85	144	38	194
16	97	110	84	126
17	112	118	69	158
17TH WARD.				
1	136	85	103	107
2	119	63	98	76
3	164	70	141	94
4	133	74	108	94
5	100	83	69	112
6	64	157	51	169
7	78	170	56	193
8	26	167	17	173
9	37	216	33	219
10	53	209	26	232
11	89	163	62	191
12	66	132	46	149
13	60	121	57	122
14	65	169	48	189
15	59	141	39	155
16	57	130	40	147
17	70	146	43	167
18	85	155	57	185
18TH WARD.				
1	94	60	68	76
2	147	81	133	94
3	167	86	113	113
4	128	59	105	69
5	182	74	135	111
6	159	59	105	101
7	143	49	112	71
8	218	70	175	101
9	148	83	104	114
10	143	50	118	69
11	196	93	145	135
12	148	108	118	130
13	206	98	143	153
14	191	110	139	152
15	198	76	171	92
16	210	103	169	131
17	225	66	165	110
18	179	61	141	86
19	134	66	110	82
20	114	62	99	69
21	203	79	183	90
22	225	90	183	120
23	133	117	110	135
24	47	170	37	172
25	112	118	102	125
26	55	121	49	123
27	57	239	54	244
19TH WARD.				
1	126	142	110	155
2	166	76	134	119
3	208	108	172	140
4	87	140	56	172
5	112	254	95	268
6	119	159	94	180
7	90	144	64	164
8	112	97	82	127
9	125	150	88	180
10	141	138	117	160
11	140	154	127	167
12	184	145	163	160
13	160	121	125	172
14	162	102	103	147
15	175	68	127	111
16	133	80	103	108
17	147	127	114	147
18	181	92	137	142

19TH WARD—*Con.*

Division.	President. Blaine, R.	President. Cleveland, D.	Controller. Ridgway, R.	Controller. Dechert, D.
19	180	138	142	174
20	224	108	193	136
21	108	57	86	76
22	135	84	103	113
23	127	94	109	117
24	150	88	114	122
25	179	92	130	132
26	162	89	130	120
27	269	139	205	199
28	182	138	155	163
29	218	200	175	256
30	165	84	139	104
31	185	181	155	207
32	214	130	174	170

20TH WARD.

1	157	109	108	152
2	124	100	59	155
3	141	132	100	165
4	171	93	124	134
5	137	110	72	173
6	129	100	84	143
7	101	70	67	99
8	121	41	101	61
9	136	45	98	77
10	125	91	80	133
11	161	102	118	140
12	198	124	140	175
13	129	51	86	84
14	84	147	64	164
15	147	93	99	136
16	207	58	172	87
17	116	68	84	104
18	88	144	59	171
19	125	93	84	132
20	165	54	123	94
21	114	97	64	147
22	140	124	86	173
23	165	69	109	122
24	150	74	112	108
25	147	92	114	124
26	194	95	157	130
27	165	76	109	125
28	195	112	133	176
29	146	115	197	160
30	162	84	81	154
31	150	97	120	124
32	165	86	118	117
33	235	92	174	148
34	175	93	103	165
35	226	105	145	177
36	160	83	98	134
37	198	103	176	126

21ST WARD.

1	122	162	101	177
2	160	181	81	196
3	53	108	44	188
4	129	105	94	142
5	188	80	152	111
6	90	127	79	139
7	166	82	133	112
8	187	108	149	140
9	144	86	118	111
10	168	114	144	137
11	87	55	76	66
12	81	32	67	45
13	176	55	141	86
14	166	56	134	82
15	125	35	105	54
16	98	124	82	138
17	123	64	108	78
18	114	68	86	95
19	96	37	86	35
20	67	34	60	41

22D WARD.

1	147	111	114	147
2	188	110	158	137
3	110	134	101	143
4	190	94	145	150
5	189	90	163	118
6	161	92	115	140
7	180	52	161	81
8	169	80	152	97
9	187	96	147	133
10	192	93	154	137
11	137	45	95	100
12	120	67	97	95
13	199	89	170	119
14	205	65	159	107
15	146	136	103	146
16	131	88	116	103
17	163	109	144	128
18	234	67	199	100
19	193	75	164	100
20	162	99	136	121
21	158	97	148	105
22	153	123	121	150
23	124	143	94	172
24	157	121	116	148

23D WARD.

1	139	44	128	56
2	93	110	75	129
3	104	83	98	88
4	115	92	93	117
5	89	131	77	143
6	141	77	133	85
7	173	81	152	103
8	96	131	85	138
9	164	111	136	138
10	196	87	131	139
11	220	54	199	74
12	199	82	176	92
13	194	62	154	102
14	227	61	170	119
15	201	47	142	105
16	135	121	116	132
17	167	113	139	136
18	141	132	112	158
19	196	95	166	128
20	176	69	138	99
21	169	149	144	170
22	158	121	137	140
23	136	116	106	131
24	66	27	58	35
25	203	60	176	83

24TH WARD.

1	275	103	172	223
2	187	112	141	149
3	122	135	84	170
4	136	148	90	189
5	195	89	134	126
6	165	163	114	210
7	188	90	130	137
8	125	130	76	172
9	123	177	87	209
10	151	119	81	188
11	138	107	107	134
12	223	109	166	159
13	113	99	94	105
14	116	69	68	109
15	137	108	87	155
16	104	48	68	88
17	96	49	77	74
18	132	87	115	104
19	179	82	119	137
20	162	96	140	116
21	159	112	125	144

24TH WARD—*Con.*

22	166	65	118	108
23	89	157	48	198
24	172	214	134	241
25	120	108	93	130
26	130	69	92	106
27	127	73	100	100
28	127	86	109	110
29	157	91	138	106
30	135	62	88	108
31	187	150	161	181
32	133	63	110	88
33	200	139	136	200
34	104	163	83	182
35	162	46	123	78
36	184	58	134	103
37	97	68	70	97

25TH WARD.

1	139	104	112	127
2	112	105	93	129
3	148	136	97	148
4	247	52	239	56
5	135	104	121	113
6	166	112	150	129
7	134	176	118	185
8	91	216	80	225
9	42	141	37	143
10	36	305	34	307
11	25	234	18	241
12	20	211	17	211
13	103	139	87	153
14	184	118	110	193
15	234	119	205	148
16	168	79	146	93
17	198	117	169	136
18	295	134	240	181
19	228	91	183	129
20	164	103	143	127
21	102	52	90	59
22	118	66	105	71
23	227	171	185	210
24	178	85	157	99
25	157	155	138	170
26	228	170	202	192
27	203	199	168	231
28	164	142	145	158

26TH WARD.

1	217	108	176	137
2	292	137	222	193
3	227	81	183	119
4	123	93	77	135
5	145	191	90	247
6	138	167	74	229
7	161	96	111	126
8	147	126	117	148
9	199	129	99	220
10	176	100	146	127
11	147	94	136	102
12	310	125	204	213
13	151	102	130	114
14	172	85	126	115
15	198	66	176	73
16	302	122	235	147
17	220	141	162	177
18	136	25	108	45
19	115	68	83	99
20	240	130	340	130
21	148	80	106	113
22	245	156	210	180
23	152	98	135	111
24	169	136	153	147

27TH WARD.

1	160	62	149	65
2	119	61	96	82
3	173	66	126	107
4	114	44	82	76
5	153	31	83	103
6	144	46	112	75
7	113	67	80	95
8	122	70	114	88
9	120	77	96	99
10	216	72	149	137
11	131	110	121	116
12	141	71	121	86
13	162	50	94	118
14	89	81	84	86
15	164	68	131	102
16	113	68	91	90
17	156	55	103	104
18	152	42	96	105
19	148	61	108	99
20	80	24	62	39
21	66	23	62	25
22	89	45	81	53

28TH WARD.

1	154	46	88	103
2	193	52	123	103
3	172	72	119	117
4	191	61	127	124
5	162	117	117	159
6	65	71	51	84
7	124	96	85	123
8	145	111	114	144
9	233	72	180	118
10	239	98	154	180
11	78	26	57	43
12	150	65	121	64
13	102	96	65	131
14	64	36	42	59
15	112	145	84	170
16	123	106	100	122
17	122	85	111	95
18	191	44	147	90
19	192	87	143	132
20	139	52	117	68
21	139	143	121	158
22	178	151	147	157
23	213	93	172	132
24	126	136	107	151
25	151	45	109	85
26	186	67	171	75
27	141	109	106	137
28	129	54	83	95
29	119	78	90	102
30	160	69	119	106
31	141	49	99	90
32	68	90	58	97
33	81	77	63	84
34	68	42	50	58
35	145	61	122	75
36	116	77	67	118

29TH WARD.

1	144	77	100	124
2	137	70	75	122
3	110	81	70	118
4	94	94	56	130
5	69	125	47	143
6	237	83	147	174
7	168	50	97	116
8	218	68	124	152
9	166	85	105	144
10	162	64	87	133
11	133	69	71	121
12	139	69	69	133

29TH WARD—*Con.*

13	160	102	96	161
14	123	76	96	97
15	172	86	108	143
16	163	89	98	145
17	182	68	128	117
18	165	84	121	123
19	161	55	125	96
20	191	82	131	133
21	226	140	144	221
22	143	86	86	125
23	132	93	81	138
24	164	68	101	124
25	156	90	110	131
26	142	76	113	98
27	193	66	153	103
28	115	96	86	120
29	109	160	87	182
30	182	83	130	134
31	297	109	208	187
32	134	153	97	181
33	182	181	151	204
34	201	87	135	145

30TH WARD.

1	222	72	188	111
2	150	77	129	97
3	156	106	106	151
4	172	77	128	119
5	198	70	177	87
6	180	95	146	123
7	149	124	118	152
8	139	113	106	145
9	200	48	151	82
10	152	50	112	81
11	173	47	125	84
12	167	72	137	96
13	105	88	91	98
14	178	111	143	141
15	129	131	106	152
16	203	95	163	137
17	191	99	135	147
18	189	72	144	113
19	141	83	108	110
20	157	147	134	162
21	96	159	89	162
22	174	117	166	123

31ST WARD.

1	197	54	150	77
2	152	35	176	57
3	213	64	156	113
4	186	100	144	133
5	169	85	134	114
6	137	117	106	139
7	176	68	123	105
8	232	86	185	124
9	161	64	124	103
10	122	53	102	73
11	171	68	143	98
12	149	46	101	86
13	159	39	118	73
14	203	61	140	111
15	211	87	152	133
16	134	107	114	126
17	164	129	138	149
18	173	55	155	66
19	164	59	125	93
20	193	58	160	87
21	135	84	114	99
22	132	146	118	157
23	128	135	101	159
24	114	114	96	130
25	103	153	94	162

FOREIGN COINS.—The following values of foreign coins is furnished by the Director of the Mint: Austria, florin, 40.6; Belgium, franc, 19.3; Bolivar, bolinano, 82.3; Brazil, Millereis of 1000 reis, 54.6; British Possessions, North America, dollar, 100: Chili, peso, 91.2; Cuba, peso, 93.2; Denmark, crown, 26.8; Ecuador, peso, 82.3; Egypt, piaster, 4.9; France, franc, 19.3; Great Britain, pound sterling, 486.6½; Greece, drachma, 19.3; German Empire, mark, 23.8; Hayti, gourde, 96.5; India, rupee of 16 annas, 39; Italy, lira, 19.3 Japan, zen, 88.7; Liberia, dollar, same as U. S.; Mexico, dollar, 89.4; Netherlands, florin, 40.2; Norway, crown, 26.8; Peru, sol, 82.3; Portugal, milreis of 1000 reis, 1.08; Russia, rouble of 100 copecks, 65.8; Sandwich Islands, dollar, same as American dollar; Spain, peseta of 100 centimes, 19.3; Sweden, crown, 26.8; Switzerland, franc, 19.3; Tripoli, mahbub of 20 piasters, 74.3; Turkey, piaster, 4.4; United States of Columbia. piaster, 82.3.

MONTHLY RANGE OF WHOLESALE PRICES OF LEADING PRODUCTS.

	1883.				1884.																			
	Nov. 1.	Nov. 15.	Dec. 1.	Dec. 15.	Jan. 1.	Jan. 15.	Feb. 1.	Feb. 15.	Mar'h 1.	Mar'h 15.	April 1.	April 15.	May 1.	May 15.	June 1.	June 15.	July 1.	July 15.	Aug. 1.	Aug. 15.	Sept. 1.	Sept. 15.	Oct. 1.	Oct. 15.
Cotton, Mid. Upl'ds	$0.10⅞	$0.10⅜	$0.10⅜	$0.10⅜	$0.10⅜	$0.10⅝	$0.10⅞	$0.10⅝	$0.11	$0.11	$0.11⅝	$0.12⅛	$0.12½	$0.12⅛	$0.12	$0.11⅞	$0.11⅜	$0.11½	$0.11¾	$0.11⅝	$0.11⅜	$0.11½	$0.10⅝	$0.10⅜
Wool, X and above Ohio fleece	.38	.38	.38	.37	.37	.37	.37	.37	.37	.37	.36	.36	.36	.35	.35	.34	.33	.32½	.32½	.32½	.33	.33	.33	.33
Flour, Penn. family	5.00	5.00	5.00	5.00	5.00	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.62	4.50	4.50	4.50	4.37½	4.25	4.00	3.75	3.50
Wheat, No. 2 red	1.08	1.07½	1.06½	1.08	1.06⅝	1.03¾	1.05⅞	1.08¼	1.07⅜	1.08½	1.00¾	1.00½	1.05	1.03	1.03¼	1.02⅛	.94	.96¼	.93⅜	.87	.87⅜	.83	.85¼	.83¼
Corn, sail mixed	.61½	.61	.56⅛	.59½	.58½	.59¾	.58¼	.60⅜	.61¼	.61⅝	.56⅜	.54½	.58	.60¾	.61⅜	.60¾	.57⅜	.62¼	.62¾	.62½	.61	.62	.61	.61
Oats, No. 2 white	.39½	.39½	.36¼	.37⅝	.40¼	.42½	.42¼	.44	.43⅛	.42⅜	.39⅜	.40⅜	.40¼	.41	.39¾	.38¼	.36⅛	.39½	.36½	.35	.34½	.34½	.33¼	.33
Mess Pork	11.50	12.00	14.00	14.00	15.50	15.25	16.50	17.50	18.50	19.00	18.50	18.00	18.00	18.00	17.50	17.00	17.00	16.50	16.75	17.00	17.50	17.00	17.00	17.50
Lard, city kettle	.08¼	.08	.08	.09	.09½	.09	.09¼	.09½	.10	.10	.10	.09½	.09	.08¾	.08½	.08¼	.08¼	.08	.08	.08	.08¼	.08	.08¼	.08
Hams, sugar-cured	.12½	.11¾	.11¼	.10⅜	.08¾	.09¼	.10	.11½	.12½	.12½	.12½	.12½	.12	.11⅜	.11¾	.11¼	.11¾	.12	.12	.12½	.12¼	.12¼	.12¼	.12
Butter, extra Penn. creamery	.30	.34	.40	.37½	.37½	.37½	.35½	.33	.32	.37	.34½	.33	.28½	.25	.20	.20½	.20½	.20½	.21	.21½	.22½	.26½	.30½	.30½
Cheese, N. Y. full cream	.12½	.12¾	.13	.13¼	.13¼	.13½	.14¼	.14½	.14½	.15	.15	.15½	.15½	.13	.11½	.10½	.09¾	.09½	.10¼	.10½	.10	.10½	.12	.12¼
Eggs, Penn. extra	.30	.34	.32	.31	.30¼	.31½	.35	.32½	.21	.21½	.20	.15½	.13¾	.15¼	.18	.18½	.19	.18½	.18½	.17½	.20½	.21	.23	.24
Refined Sugar, granulated	.8 7 16	.08⅛	.08	.08	.07⅜	7 13-16	.07¾	.07¾	.7 7-16	.07⅜	.07⅛	.07⅛	.06⅞	.07	.06¾	.06½	.06¾	.06⅞	.6 9-16	.06½	.6 9.16	.06¼	.06¼	.6 1-16
Coffee, fair Rio	.12¼	.12¾	.12¾	.12	.12¼	.12¾	.12¾	.12¾	.12¼	.12¼	.11¼	.10½	.10½	.10½	.10	.10	.10¼	.10	.10	.10	.10¾	.10¾	.10½	.10¼

RECEIPTS OF LEADING PRODUCTS IN PHILADELPHIA.

Month.	Flour, bbls.	Wheat, bush.	Corn, bush.	Oats, bush.	Wool, bales.	Cotton, bales.	Pork, bbls.	Lard, pkgs.	Petro'm crude, bbls.	Petro'm refined, bbls.	Butter, pkgs.	Cheese, pkgs.	Eggs, crates.	Tob'cco Leaf, hhds.	Tob'cco manf'd, boxes.	Whisky & High-w's, bbls
1883.																
November	114,320	451,100	184,100	191,005	23,470	14,013	359	417	29,371	7,640	34,860	34,462	28,828	6,132	8,594	18,005
December	114,717	364,500	376,800	287,150	11,627	10,663	776	1,415	22,344	1,918	37,028	27,855	29,849	2,290	7,431	8,081
1884.																
January	76,398	207,950	453,300	232,050	8,808	8,049	200	2,140	45,497	6,867	34,001	12,000	20,149	3,795	9,233	7,379
February	78,185	146,508	180,000	255,550	8,666	19,252	387	3,257	80,799	11,779	30,050	12,900	31,862	4,681	9,899	6,634
March	96,179	232,000	374,400	300,900	8,744	16,731	2,026	5,480	46,086	23,591	31,435	15,733	47,624	3,284	13,612	7,714
April	114,335	328,700	128,200	348,500	8,464	24,852	552	4,680	31,667	18,641	31,376	19,593	72,021	3,619	11,268	6,089
May	75,469	141,200	166,900	290,900	7,385	8,959	296	7,936	43,724	27,551	37,715	22,481	51,359	2,979	11,585	6,410
June	87,328	306,100	342,900	465,100	23,831	10,325	180	9,207	35,527	24,199	33,859	30,941	44,732	2,361	8,778	4,000
July	65,457	908,200	210,500	186,300	41,075	7,785	355	4,041	48,268	27,555	39,069	39,454	47,849	2,208	8,039	5,489
August	94,516	982,000	136,200	340,200	27,654	6,035	1,129	4,123	64,561	30,809	29,549	45,823	36,794	2,285	8,798	5,023
September	118,354	660,300	266,700	562,500	24,168	9,281	501	12,779	67,054	39,294	30,451	30,115	39,908	2,876	13,571	7,107
October	126,402	454,000	185,700	671,900	11,490	15,409	195	5,321	119,426	94,910	36,529	41,284	36,087	2,410	11,311	6,186
Total	1,161,660	5,272,558	3,005,700	4,142,055	195,382	151,354	6,956	60,786	634,324	314,754	405,922	332,642	487,062	38,920	122,119	88,117

NEW JERSEY.

Governor—Leon Abbett.
Secretary of State—Henry C. Kelsey.
Asst. Secretary of State—J. D. Hall.
Attorney-General—John P. Stockton.
Treasurer—George M. Wright.
Comptroller—E. J. Anderson.
Clerk in Chancery—Geo. S. Duryee.
Clerk of the Supreme Court—Benjamin F. Lee.
Commissioners of Sinking Fund—Jos. L. Bodine, Alvah A. Clark.
Law Reporter—G. D. W. Vroom.
Chancery Reporter—John H. Stewart.
Major-General—Gershom Mott.
Quarter-Master General—Lewis Perrine.
Adjutant-General—Wm. S. Stryker.
Chief Clerk Supreme Court—Alfred Lawshe.
Chancellor—Theodore Runyon.
Vice-Chancellors—Abram V. Van Fleet, John T. Bird.
Chief Justice—Mercer Beasley.
Associate Justices of the Supreme Court—William J. Magie, David A. Depue, Jonathan Dixon, M. M. Knapp, Alfred Reed, Edward W. Scudder, Bennett Vansyckel, Joel Parker.
Lay Judges of Court of Errors and Appeals—John Clement, Wm. Paterson, Caleb S. Green, Jonathan S. Whitaker, Martin Cole, Hendricks H. Brown.
State Librarian—Morris R. Hamilton.
State Superintendent Public Instruction—Ellis A. Apgar.
Keeper of State Prison—P. H. Laverty.
Supervisor of State Prison—Charles B. Moore.
State Geologist—George H. Cook.
State Board Assessors—Allan L. McDermott, Alex. G. Cattell, Ed. Bettle, Abram M. Reynolds.
Chief of the Bureau of Statistics—James Bishop.
Trustees of the School Fund—Governor, Secretary of State, President of the Senate, Speaker of Assembly, Attorney-General and Comptroller.

THE LEGISLATURE.

Salary in each House, $500 and Mileage.

SENATE.

Counties.	Term Expires.
Atlantic—John J. Gardner, *R.*	1886
Bergen—Ezra Miller, *D.*	1886
Burlington—Hezekiah B. Smith, *D.*	1885
Camden—Richard N. Herring, *R.*	1887
Cape May—Waters B. Miller, *D.*	1885
Cumberland—Isaac T. Nichols, *R.*	1886
Essex—Frederick S. Fish, *R.*	1887
Gloucester—Stacy L. Pancoast, *R.*	1887
Hudson—William Brinkerhoff, *D.*	1886
Hunterdon—John Carpenter, Jr., *D.*	1886
Mercer—George O. Vanderbilt, *D.*	1886
Middlesex—Abraham V. Schenck, *R.*	1885
Monmouth—Thomas G. Chattle, *D.* and *P.*	1887
Morris—James C. Youngblood, *R.*	1886
Ocean—George T. Cranmer, *R.*	1886
Passaic—John W. Griggs, *R.*	1885
Salem—Wyatt W. Miller, *R.*	1887
Somerset—Lewis A. Thompson, *R.*	1887
Sussex—Lewis Cochran, *D.*	1887
Union—Robert L. Livingston, *D.*	1887
Warren—James E. Moon, *D.*	1887

Republicans 11; Democrats 10.

HOUSE OF ASSEMBLY.

Atlantic—Edward R. North, *R.*
Bergen—Eben Winton, *D.*; Peter Ackerman, *R.*
Burlington—Theodore Budd, *D.*; Allen R. Gangewer, *R.*; T. J. Alcott, *R.*
Camden—E. A. Armstrong, *R.*; B. M. Braker, *R.*; H. M. Jewett, *R.*
Cape May—Jesse D. Ludlam, *D.*
Cumberland—J. H. Lupton, *R.*; Wilson Banks, *R.*
Essex—George B. Harrison, *R.*; David A. Bell, *R.*; Edward Q. Keasby, *R.*; H. M. Doremus, *R.*; R. Wayne Parker, *R.*; Franklin Murphy, *R.*; W. E. O'Connor, *D.*; Charles Holzwarth, *R.*; A. F. B. Martin, *R.*; William Harrigan, *D.*
Gloucester—Job S. Haines, *R.*
Hudson—C. S. See, *R.*; Thos. H. Kelly *D.*; Samuel D. Dickinson, *R.*; E. O. Chapman, *D.*; Isaac Romain, *R.*; John W. Heck *R.*; James J. Clark, *D.*; John Wade, *D.* John C. Besson, *D.*; Fred Frambach, Jr., *R.*
Hunterdon—J. C. Arnwine, *D.*; Chester Wolverton, *D.*
Mercer—A. J. Rue, *R.*; B. F. Chambers, *R.*; John Caminade, *D.*
Middlesex—E. S. Savage, *D.*; John Martin, *D.*; Robert Carson, *R.*
Monmouth—Charles H. Bond, *D.*; M. H. Grant, *R.*; F. E. Heyer, *D.*
Morris—G. W. Jenkins, *R.*; J. Seward Wills, *R.*; E. C. Drake, *D.*
Ocean—George G. Smith, *R.*
Passaic—John Scheele, *R.*; D. C. Bolton *R.*; George H. Low, *R.*; Thomas Flynn, *D.*
Salem—J. D. Whittaker, *R.*
Somerset—John Vetterlin, *D.*
Sussex—H. N. Kinney, *D.*
Union—Peter L. Hughes, *D.*; W. H. Corbin, *R.*; Jacob Kirkner, *R.*
Warren—Isaac Wildrick, *D.*; S. C. Larrison, *D.*

Republicans, 36; Democrats, 24. Republican majority on joint ballot, 13.

CAMDEN CITY GOVERNMENT.

Mayor, Claudius W. Bradshaw. Term expires March, 1886. Salary $1,000.
Recorder, Benjamin M. Braker. No Salary.
Receiver of Taxes, Wm. H. Rightmire. $1,800.
City Treasurer, F. F. Michelon. $1,800.
City Solicitor, W. W. Morgan. $2,000 and fees.
City Clerk, D. Cooper Carman. $1,200 and fees.
Supervisor of Highways, R. C. Thompson $1,000.
Superintendent Water Department, Henr Stetzer. $1,200.
Clerk, Fred W. Tarr. $1,000.
City Surveyor, John S. Shultz. $2,000.
Chief of Police, Josiah Matlock. $900.
Chief Engineer Fire Department, Danie S. Carter. $1,000.
Sealer of Weights and Measures, Jonatha D. Watson. $600.

THE AMERICAN TURF.

TROTTING TO HARNESS.

mile, 2.09¼.—Maud S., ch. m., by Harold, by Rysdyk's Hambletonian, dam Miss Russell, by Pilot, Jr. Lexington, Ky., November 11, 1884.

mile, by a stallion, 2.13¼.—Maxey Cobb, b. s., by Happy Medium, dam Lady Jenkins, by Jupiter. Narragansett Park, Providence, R. I., September 30, 1884.

mile by a gelding, 2.10.—Jay-Eye-See, blk. g., by Dictator, dam Midnight, by Pilot, Jr. Narragansett Park, Providence, R. I., August 1, 1884.

mile, by a mare, 2.09¼.—Maud S. Lexington, Ky., November 11, 1884.

mile over a half mile track, 2.16.—Rarus, b. g., by Conklin's Abdallah, dam, Nancy, by Telegraph. Toledo, O., July 20, 1878.

mile, in a race with other horses, 2.13½.—Maud S. (third heat). Chicago, Ill., July 24, 1880.

Fastest two consecutive heats, 2.11, 2.10¼. Jay-Eye-See. Belmont Park, Pa., August 15, 1884.

Fastest three consecutive heats, 2.12; 2.13¼; 2.12½.—Maud S. Belmont Park, Pa., July 28, 1881.

Fastest three consecutive heats, by a stallion, 2.15, 2.14¼, 2.15¼. Phallas, b. s., by Dictator, dam Betsy Trotwood, by Clark Chief. Belmont Park, Pa., August 15, 1884.

Fastest three consecutive heats in a race with other horses, 2.14¾, 2.16, 2.17¼. Clingstone, b. g., by Rysdyk, son of Rysdyk's Hambletonian. Buffalo, N.Y., August 4, 1882.

Fastest four consecutive heats, in a race with other horses, 2.19¾, 2.15¾, 2.16¾, 2.13¾. Phallas, b. s., by Dictator, dam Betsy Trotwood, by Clark Chief. Chicago, Ill., July 15, 1884.

Fastest fourth heat, 2.13¾. Phallas, b. s. Chicago, Ill., July 15, 1884.

miles, 4.46. Monroe Chief, b. s., by Jim Monroe, son of Alexander's Abdallah, dam Madame Powell, by Bay Chief. Lexington, Ky., October 21, 1882.

Two mile heat race, won by Post Boy (second and fourth heats), 4.52½, 4.52½, 4.56¼, 4.56. Cleveland, O., July 28, 1881.

miles (private trial), 7.05¼. Steve Maxwell, gr. g. Fleetwood Park, Nov. 18, 1880.

miles, 7.21¼. B. m. Huntress, by Volunteer, dam by American Star. Prospect Park, Brooklyn, September 23, 1872.

miles, 11.06. Trustee. Union Course, L. I., June 13, 1849.

miles, 13.00. Lady Mack. San Francisco, Cal., April 2, 1874.

miles, 27.23¼. Controller. San Francisco, Cal., November 23, 1878.

miles, 38.00. Topgallant. Philadelphia, Pa., 1830.

miles, 47.20. Girda. San Francisco, Cal., August 6, 1874.

miles, 58.25. Capt. McGowan. Riverside Course, Boston, 1865.

miles, 3.55.40½. Ariel. Albany, N. Y., 1846.

miles, 8.55.53. Conqueror. Long Island, November 12, 1853.

STALLION PERFORMANCES.

1¾, 2.15¾, 2.16¾, 2.13¾—Won by Phallas, b. s., by Dictator, dam Betsy Trotwood, by Clark Chief, in second, third and fourth heats, beating Catchfly, Clemmie G. and Fanny Witherspoon. Chicago, Ill., July 15, 1884.

2.16½, 2.18½, 2.19, 2.20, 2.18¼, 2.19¼—Won by Black Cloud, by Ashland Chief, in second, fifth and sixth heats, beating Jerome Eddy; third and fourth dead heats. Buffalo, N. Y., August 3 and 4, 1882.

2.18, 2.17½, 2.18½, 2.17¼, 2.19½, 2.21.—Won by Piedmont, ch., by Almont, fourth, fifth, and sixth heats, beating Robert McGregor, Santa Claus, Hannis, Wedgewood and Monroe Chief. Chicago, Ill., July 19, 1881.

2.17¾, 2.20¼, 2.18, 2.19—Won by Santa Claus, brown, by Strathmore, first, third and fourth heats, beating Piedmont and Wedgewood. Beacon Park, Boston, Mass., September, 15, 1881.

TROTTING TO WAGON.

1 mile, 2.16½. Hopeful, g. g., by Godfrey's Patchen; dam by the Budham horse. Chicago, Ill., October 12, 1878.

1 mile, 2.17¾ (private trial), Lucy Cuyler, b. m., by Cuyler, he by Rysdyk's Hambletonian, Tarrytown, N.Y., Aug. 12, 1882.

Fastest three consecutive heats—2.16½ 2.17, 2.17. Hopeful. Chicago, Ill., October 12, 1878.

2 miles (first heat), 4.56¼. Blk. g., General Butler, by Smith Burr, son of Napoleon. Long Island, 1863.

2 miles (second heat), 4.56½. Br. g., Dexter, by Rysdyk's Hambletonian; dam Clara, by Seeley's American Star. Long Island, October 27, 1865.

3 miles, 7.53. Longfellow. Sacramento, Cal., September 21, 1863.

4 miles, 10.34½. Longfellow. California, December 31, 1869.

5 miles, 13.43½. Little Mac. Fashion Course, L. I., October 29, 1863.

10 miles, 29.10¾. Princess, by Andrus' Hambletonian. 1859.

20 miles, 58.57. Controller. San Francisco, Cal., April 20, 1878.

50 miles, 3.59.04. Spangle. October 15, 1855.

DOUBLE TEAM TROTTING.

1 mile, 2.15½. Maud S. and Aldine, driven by W. H. Vanderbilt, the owner. New-York Gentleman's Driving Park, June 15, 1883. First quarter, 32¼ secs.; half, 1.05½; three quarters, 1.41.

1 mile, 2.15¾. Maxey Cobb and Neta Medium, both by Happy Medium, owned by Isidor Cohnfield, driven by John Murphy. New-York Gentlemen's Driving Course, Nov. 13, 1884.

1 mile, 2.16½. Cleora and Independence, owned by William Rockafeller, driven by J. P. Gilbert. Hartford, Conn., August 25, 1883.

1 mile, 2.16¾. Edward and Dick Swiveler, owned by Frank Work, driven by John Murphy. New-York Gentlemen's Driving Park, July 13, 1882.

1 mile, 2.18¼. Clingstone and Midnight, owned by W. J. Gordon and J. D. Rockafeller, Cleveland, O., Oct. 10, 1883.

1 mile, 2.22. Mill Boy and Blondine, driven by John Sheppard, the owner. Beacon Park, Boston, Mass., September 23, 1881.

TROTTING WITH RUNNING MATE.

1 mile, 2.06. H. B. Winship, blk. g. by Aristos, dam by Colonel Moulton; Gabe Case as mate, driven by J. Golden. Narragansett Park, Providence, R. I., Aug. 1, 1884.

1 mile, 2.08½. Frank, b. g. by Abraham, (son of Daniel Lambert), J. O. May as mate, driven by John Murphy. Prospect Park, Brooklyn, N.Y., Nov. 15, 1883.

1 mile, 2.11. Yellow Dock, ch. m. (formerly Mohawk Maid), by Clark's Mohawk. Narragansett Park, Providence, R. I., November 3, 1882.

The best record to harness of these horses at the time of these performances was as follows: Frank, 2.23¾; H. B. Winship, 2.20¼; Yellow Dock, 2.20¾.

FOUR-IN-HAND TROTTING.

1 mile, 2.40—(Second heat.) Fanchon, Carrie Berrihill, Sailor Boy and Lotta, property of W. J. Gordon of Cleveland, Ohio. Cleveland, September 7, 1882.

TROTTING UNDER SADDLE.

1 mile, 2.15¾. Br. g. Great Eastern, by Walkill Chief, by Rysdyk's Hambletonian. Fleetwood Park, N.Y., Sept. 22, 1877.

2 miles, 5.00¾. Br. g. Dexter, by Rysdyk's Hambletonian. Long Island, 1865.

3 miles, 7.32½. Dutchman. August, 1839.

4 miles, 10.51. Dutchman. 1836.

TROTTING RECORDS OF 2.20 AND UNDER.

Maud S.	2.09¼
Jay-Eye-See	2.10
St. Julien	2.11¼
Maxey Cobb	2.13¼
Rarus	2.13¼
Phallas	2.13¾
Clingstone	2.14
Goldsmith Maid	2.14
Trinket	2.14
Hopeful	2.14¾
Harry Wilkes	2.15
Lula	2.15
Smuggler	2.15¼
Clement G.	2.15½
Hattie Woodward	2.15½
Edwin Thorne	2.16¼
Fannie Witherspoon	2.16¼
Lucille Golddust	2.16¼
Maud Messenger	2.16¼
Wilson	2.16¼
American Girl	2.16½
Darby	2.16½
Jerome Eddy	2.16½
Phil Thompson	2.16½
Occident	2.16¾
Charley Ford	2.16¾
Gloster	2.17
Majolica	2.17
Director	2.17
Dexter	2.17¼
So-So	2.17¼
Piedmont	2.17¼
Black Cloud	2.17¼
Santa Claus	2.17½
Phyllis	2.17½
Robert MacGregor	2.17½
Hannis	2.17¾
Du Quesne	2.17¾
Proteine	2.18
Judge Fullerton	2.18
Nettie	2.18
Red Cloud	2.18
Great Eastern	2.18
Edwin Forrest	2.18
Dick Swiveller	2.18
Kate Sprague	2.18
Catchfly	2.18
Lady Thorne	2.18¼
Lady Maude	2.18¼
Midnight	2.18¼
Lucy	2.18¼
Monroe Chief	2.18¼
Pickard	2.18¼
Rosa Wilkes	2.18¼
J. B. Thomas	2.18¼
Elvira	2.18½
Slow Go	2.18½
Colonel Lewis	2.18½
William H.	2.18½
Nutwood	2.18¾
Patchen	2.18¾
Cleora	2.18¾
Bonita	2.18¾
Frank Landers	2.18¾
Albemarle	2.19
Edward	2.19
Cozette	2.19
Bonesetter	2.19
Alley	2.19
Kitty Bates	2.19
Wedgewood	2.19
Alexander	2.19
Adele Gould	2.19
Minnie R.	2.19
Flash	2.19
Joe Bunker	2.19¼
Croxie	2.19¼
Thomas L. Young	2.19¼
Bodine	2.19¼
George Palmer	2.19¼
Comee	2.19¼
Parana	2.19¼
Will Cody	2.19¼
Aldine	2.19¼
Overman	2.19¼
Sleepy Joe	2.19¼
Felix	2.19½
Keene Jim	2.19½
Driver	2.19½
Moose	2.19½
Troubadour	2.19½
Von Arnim	2.19½
Hinda Rose	2.19½
Romero	2.19½
Modoc	2.19½
Tony Newell	2.19½
Tucker	2.19½
Abbottsford	2.19½
Forrest Patchen	2.19½
Nellie R.	2.19½
Captain Emmons	2.19½
Adelaide	2.19¾
Flora Temple	2.19¾
Camors	2.19¾
Deck Wright	2.19¾
Daisy Dale	2.19¾
John S. Clark	2.19¾
Josephus	2.19¾
Dr. Norman	2.19¾
Butterfly	2.19¾
Fleety Golddust	2.20
Little Fred	2.20
Nancy Hackett	2.20
Mambrino Gift	2.20
May Queen	2.20
Prospero	2.20
Graves	2.20
John H.	2.20
Etta Jones	2.20
Belle Brassfield	2.20
Frank	2.20
Orange Girl	2.20
Elaine	2.20

Annie W	2.20	George V	2.20
Humboldt	2.20	Bay Frank	2.20
Big Soap	2.20	Bell Echo	2.20

BEST TROTTING TIME AT ALL AGES.

Age.	Color and Sex.	Name.	Sire.	Record.	Time.
1	Br. f	Hinda Rose	Electioneer	2.36½	1881
2	Br. f	Wildflower	Electioneer	2.21	1881
3	Br. f	Hinda Rose	Electioneer	2.19½	1883
4	Blk. f	Elvira	Cuyler	2.18½	1884
5	Blk. g	Jay-Eye-See	Dictator	2.10¾	1883
6	Blk. g	Jay-Eye-See	Dictator	2.10	1884
7	Ch. m	Maud S	Harold	2.10¼	1881
8	B. m	Hattie Woodward	Aberdeen	2.15½	1880
9	B. s	Maxey Cobb	Happy Medium	2.13¼	1884
10	Ch. m	Maud S	Harold	2.09¼	1884
11	B. g	St. Julien	Volunteer	2.11¼	1880
12	B. g	Rarus	Conklin's Abdallah	2.13¼	1879
13	B. m	American Girl	Amos' C. M. Clay	2.16½	1874
14	Gr. g	Hopeful	Godfrey's Patchen	2.15½	1880
15	B. m	Goldsmith Maid	Alex. Abdallah	2.16¾	1872
16	B. m	Goldsmith Maid	Alex. Abdallah	2.17½	1873
17	B. m	Goldsmith Maid	Alex. Abdallah	2.14	1874
18	B. m	Goldsmith Maid	Alex. Abdallah	2.16	1875
19	B. m	Goldsmith Maid	Alex. Abdallah	2.14	1876
20	B. m	Goldsmith Maid	Alex. Abdallah	2.14½	1877

TROTTING RECORD AT DIFFERENT PERIODS.

820	Boston Blue	3.00
830	Burster (saddle)	2.32
834	Edwin Forrest (saddle)	2.31½
840	Dutchman (saddle)	2.30 5-6
843	Lady Suffolk (saddle)	2.26½
853	Tacony (saddle)	2.25½
856	Flora Temple	2.24¼
860	Flora Temple	2.19¾
870	Dexter	2.17½
876	Goldsmith Maid	2.14
878	Rarus	2.13¼
879	St. Julien	2.12¾
880	Maud S	2.10¾
881	Maud S	2.10¼
882	Clingstone	2.14
883	Jay-Eye-See	2.10¾
884	Maud S	2.09¼

PACING IN HARNESS.

1 mile, 2.06¼.—Johnston, b. g., by Joe Bassett (formerly Bashaw Golddust), dam by Ned Forest. Chicago, Ill., October 3, 1884.

1 mile, 2.11¾—Little Brown Jug, br. g., Hartford, Conn., August 24, 1881.

1 mile in a race with other horses, 2.12¼.—Sleepy Tom. Chicago, Ill., July 25, 1879.

3 mile, two and three consecutive heats, 2.11¾, 2.11¾, 2.12½.—Little Brown Jug. Hartford, Conn., August 24, 1881.

5 miles, 4.53½.—Defiance, b. g. 1871.

5 miles, 7.44.—James K. Polk, ch. g. Centreville Course, L. I., September 13, 1847.

PACING UNDER SADDLE.

1 mile, 2.14¼.—B. g. Billy Boyce, by Corbeau. August 1, 1868.

5 miles, 4.57¼.—Ch. g. James K. Polk and r. g. Roanoke, by Old Pilot. Philadelphia, June 30, 1850.

5 miles, 7.44.—Oneida Chief. Beacon Course, Hoboken, N. J., August 15, 1843.

PACING TO WAGON.

1 mile, 2.16½.—Sixth heat. Sweetser, gr. g., by Tom Crowder. Buffalo, N. Y., Aug. 2, 1878.

1 mile, 2.17½.—Pocahontas, ch. m., by Cadmus. Union Course, L. I., June 21, 1855.

DOUBLE TEAM PACING.

1 mile, 2.19.—Richball, b. g., by King Pharoah, and Westmont, ch. g., by Almont, driven by J. S. Campbell, Narragansett Park, Providence, R. I., Sept. 11, 1883.

PACING WITH RUNNING MATE.

1 mile, 2.01¾.—Westmont, ch. g., by Almont. (B. g. Firebrand as mate.) Chicago, Ill., July 10, 1884.

1 mile, 2.03¼.—Minnie R., b. m., by J. C. Breckenridge (b. g. Firebrand as mate). Chicago, Ill., October 3, 1884.

PACING RECORDS OF 2.20 AND UNDER.

Johnston	2.06¼
Little Brown Jug	2.11¾
Sleepy Tom	2.12¼
Richball	2.12½
Buffalo Girl	2.12½
Mattie Hunter	2.12¾
Rowdy Boy	2.13¾
Gem	2.13¾
Flora Belle	2.13¾
Fuller	2.13¾
Westmont	2.13¾
Lucy	2.14
Sorrel Dan	2.14
Bay Billy	2.14
Billy S	2.14¼
Jewett	2.14¾
Sleepy George	2.15
Sweetzer	2.15
Gurgle	2.15¼
Lorene	2.15¾
Ben Hamilton	2.16¼
Minnie R.	2.16½

Yankee Sam.....2.16½
Mike Wilkes.....2.16½
Bessie M.....2.16¾
George G.....2.17
Jim Brown.....2.17½
Eddie D.....2.17½
Defiance.....2.17¾
Joe Bowers.....2.18
Joe Braden.....2.18
Fritz.....2.18
Dan Rice (saddle).....2.18¼
Limber Jack.....2.18½
Pet.....2.18½
Cohannet.....2.18¾
Golden Prince.....2.18¾
Lone Jack.....2.19
Billy Boyce (saddle, 2.14¼).....2.19
Prussian Maid.....2.19
Hoosier Dick.....2.19
Copper Bottom.....2.19
Silvertail.....2.19
Longfellow.....2.19¼
Princess.....2.19¼
Iron Age.....2.19¼
Jordan.....2.19¼
Princess.....2.19½
Change.....2.19½
Dan Voorhees.....2.19½
Hoosier Tom.....2.19½
Messina Boy.....2.19½
Nimrod.....2.19¾
Ben Butler.....2.19¾
Harry.....2.19¾
Katie Howard.....2.19¾
Billy M.....2.19¾
Pocahontas (wagon, 2.17½).....2.20
Lady St. Clair.....2.20
Washington.....2.20
Albany Boy.....2.20
Billy Mayo.....2.20
Bay Sallie (Sallie Morris).....2.20
Sorrel Billy.....2.20
Clinker.....2.20

PACING RECORDS AT DIFFERENT PERIODS.

1835, Oneida Chief (saddle).....2.31
1839, Drover (saddle).....2.30
1844, James K. Polk.....2.23
1849, Dan Miller.....2.23
1851, Tecumseh.....2.21
1852, Roanoke.....2.18½
1855, Pocahontas (wagon).....2.17½
1868, Billy Boyce (saddle).....2.14¼
1879, Sleepy Tom.....2.12¼
1880, Sorrel Dan.....2.14
1881, Little Brown Jug.....2.11¾
1882, Buffalo Girl.....2.12½
1883, Johnston.....2.10
1884, Johnston.....2.06¼

THE RUNNING TURF.

½ mile, 47¾ sec. Olitipa, by imp. Leamington, 2 years old, 97 pounds. Saratoga, July 25, 1874.

¾ miles (straight), 1.13. Force blk. h. 5 years old, by Roxbury—Nora Worth, 121 pounds, Louisville, Ky., September 24, 1883; 1.14, Barret, b. c., 2 years old, by imp. Bonnie Scotland—Sue Walton by Jack Malone, 115 pounds, Monmouth Park, N. J., August 17, 1880; also Knight Templer, ch. g. 3 years old, by Fellowcraft—Emma Johnson, 77 pounds, Sheepshead Bay Course, September 18, 1880, and Monarch, ch.g., 3 years old, by Monarchist—Kith, 91 pounds. Saratoga, N. Y., August 22, 1882.

1 mile, 1.39¾.—Ten Broeck, b.h., 5 years, by imp. Phæton—Fannie Holton, 110 pounds. Louisville, Ky., May 24, 1877.

1 mile against other horses, 1.40½.—Boardman, b.g., 4 years old, by Bonnie Scotland—Woodbine. 91 pounds. Sheepshead Bay Course, Sept. 21, 1880.

1¼ miles, 2.07¾.—Getaway, b.c., 3 years old, by Enquirer—Colossus. Saratoga, N. Y., August 4, 1881.

1½ miles, 2.34.—Luke Blackburn, b.c., 3 years old, by Bonnie Scotland, 102 pounds, Monmouth Park, N. Y., August 17, 1880.

1¾ miles, 3.01.—Glidelia, ch.m., 5 years old, by Bonnie Scotland—Waltz, 116 pounds, Saratoga, N. Y., August 5, 1882.

2 miles, 3.37½.—Ten Broeck, b.h., 5 years old, by imp Phæton—Fannie Holton, 110 pounds. Louisville, Ky., May 29, 1877.

2 mile-heat race, 2.33, 2.31¼.—Miss Woodford, br.f. (4), by imp, Billet—Fannie Jane, Long Island stakes. Sheepshead Bay Course, September 20, 1884.

2¼ miles, 3.55.—Duchess of Norfolk, b.f., 3 years old, by Norfolk—Marian, 93 pounds. Bay District Course, Cal., April 27, 1882.

2½ miles, 4.27½.—Aristides, 4 years old, by imp. Leamington, 108 pounds. Lexington, Ky., May 13, 1876.

3 miles, 5.25.—Lida Stanhope, ch.f., 4 years old, Waverley—Ada Cheatham, 100 pounds. Saratoga, N. Y., August 26, 1882.

4 miles, 7.15¾.—Ten Broeck, 4 years old, 101 pounds. Louisville, Ky., September 27, 1876.

1 mile over four hurdles, 1.50.—Suanannoa, aged, 120 pounds. Brighton Beach, Coney Island, July 16, 1881; two heats (4) hurdles, 1.50¾, 1.50¼. Joe Rhodes, 5 years, 140 pounds. St. Louis, Mo., June 4, 1878.

1¼ miles over five hurdles, 2.16—Jim McGowan, 4 years old, by War Dance—Solferino, 127 pounds. Brighton Beach, N. Y., Nov. 9, 1882.

2 miles over hurdles, 3.48¼ (fastest for weight.)—Ventilator, ch.h., 5 years old, by Vandal—Caroline, 135 pounds. Sheepshead Bay Course, June 24, 1880.

Steeplechase, Jerome Park, full course, 4.28. Disturbance, aged, 155 pounds, June 4, 1881.—Saratoga full course, about 2¾ miles, 5.20—Postguard, aged, by imp. Glenelg, 160 pounds, Aug. 3, 1882.

WINNERS OF THE AMERICAN DERBY.

RUN AT LOUISVILLE, KY. ONE MILE AND A HALF.

1875—Aristides, by Leamington.....2.37¾
1876—Vagrant, by Virgil.....2.38¼
1877—Baden-Baden, by Australian.....2.38
1878—Day Star, by Star Davis.....2.37¼
1879—Lord Murphy, by Pat Malloy.....2.37
1880—Fonso, by King Alfonso.....2.37½
1881—Hindoo, by Virgil.....2.40
1882—Apollo, by Lever.....2.40¼
1883—Leonatus, by Longfellow.....2.43
1884—Buchanan, by Buckden.....2.40¼

English Derby first run at Epsom in 1780.

DOUBLE TEAM, RUNNING.

1 mile, 1.54½.—Ghost and DeBarry, driver by D. Hevington, New-York Gentleman's Driving Park, Nov. 7, 1884; beating by a length, J. O. Nay and John J. Q., driven by John Murphy.

MISCELLANEOUS SPORTS.

BASE-BALL.

NATIONAL LEAGUE.—Organized February 2, 1876. The championship was won by the Chicago in 1876, 1880, 1881 and 1882; by the Boston in 1877, 1878 and 1883; and by the Providence in 1879 and 1884. The following was the standing of the clubs at the close of the season of 1884:

CLUBS.	Providence.	Boston.	Buffalo.	Chicago.	New-York.	Philadelphia.	Cleveland.	Detroit.	Games Won.	Games Lost.	Games Played.
Providence	..	9	10	11	13	13	13	15	84	28	112
Boston	7	..	9	10	8	13	14	12	73	38	111
Buffalo	6	6	..	10	5	11	14	12	64	47	111
Chicago	5	6	6	..	12	14	8	11	62	50	112
New-York	3	8	11	4	..	11	11	14	62	50	112
Philadelphia	3	3	5	2	5	..	10	11	39	73	112
Cleveland	3	2	2	8	5	6	..	9	35	77	112
Detroit	1	4	4	5	2	5	7	..	28	84	112

AMERICAN ASSOCIATION.—Organized November 2, 1881. The championship was won by the Cincinnati in 1882; by the Athletic of Philadelphia in 1883, and by the Metropolitan of New-York in 1884. In the latter year the number of clubs in the Association was increased from eight to twelve. The Washington Club disbanded after playing sixty-three games, and the Virginia Club was admitted to membership in its place. The final standing of the thirteen clubs at the end of the season was as follows:

CLUBS.	Metropolitan.	Columbus.	Louisville.	Cincinnati.	St. Louis.	Baltimore.	Athletic.	Toledo.	Brooklyn.	Allegheny.	Indianapolis.	Virginia.	Washington.	Games Won.	Games Lost.	Games Played.
Metro'n	..	5	7	6	5	5	8	5	9	9	8	2	6	75	32	107
Colum's	4	..	5	7	5	4	5	8	7	9	8	3	5	70	39	109
Louisv'l	3	5	..	5	5	4	6	9	6	8	9	4	4	68	40	108
Cincin'i	4	3	5	..	4	6	4	7	8	8	9	4	6	68	41	109
St.Louis	4	5	5	6	..	5	7	5	7	9	6	3	5	67	41	108
Bal'ti're	5	6	6	4	5	..	3	5	5	9	9	4	2	63	44	107
Athletic	2	5	3	6	3	7	..	6	6	8	6	2	7	61	46	107
Toledo	4	1	1	3	5	5	3	..	4	5	6	4	5	46	58	104
Brook'n	1	3	3	2	3	5	3	4	..	4	7	3	3	41	64	105
Alleg'y	1	1	2	1	1	1	2	5	6	..	6	1	4	31	78	109
Indp'lis	2	2	1	1	3	1	4	3	3	4	..	1	4	29	78	107
Virginia	0	2	1	0	1	0	0	0	2	4	2	..	0	12	31	43
Wash'n.	2	1	1	0	1	1	1	1	1	1	2	0	..	12	51	63

UNION ASSOCIATION.—Organized in the fall of 1883. At the end of the season of 1884 only five of the eight original clubs remained. The Altoona Club disbanded on May 31st, and Kansas City took its place. The Keystone of Philadelphia disbanded on August 7th, and the Wilmington Club, seceding from the Eastern League, filled the vacancy for about a month. The Chicago Club was transferred to Pittsburgh on August 25th, and lasted until September 19th, when it also disbanded. Clubs from Milwaukee and St. Paul were taken in and assisted in completing the schedule. The following was the standing at the end of the season:

CLUBS.	St. Louis.	Cincinnati.	Baltimore.	Boston.	National.	Kansas City.	Milwaukee.	St. Paul.	Chicago.	Altoona.	Keystone.	Wilmington.	Games Won.	Games Lost.	Games Played.
St. Louis	..	14	13	8	13	10	—	2	11	8	8	4	91	16	107
Cincin'ti	2	..	11	11	10	10	—	3	8	3	8	2	68	35	103
Baltim'e	1	3	..	10	12	10	0	—	6	3	10	1	56	48	104
Boston	8	5	6	..	12	8	2	—	4	1	8	4	58	51	109
National	3	6	4	4	..	8	1	—	8	1	8	4	47	66	113
Kan'sCty	0	0	2	4	4	..	—	1	3	—	0	—	14	63	77
Milw'kee	—	—	3	2	3	—	..	—	—	—	—	—	8	3	11
St. Paul	1	0	—	—	—	1	—	..	—	—	—	—	2	6	8
Chicago	1	6	6	8	4	12	—	—	..	0	3	—	40	45	85
Altoona	0	0	1	1	3	—	—	—	0	..	1	—	6	19	25
Keystone	0	0	2	3	4	4	—	—	5	3	..	0	21	46	67
Wil'gt'n	0	1	0	0	1	—	—	—	—	—	—	..	2	15	17

EASTERN LEAGUE.—Organized January 4, 1884, with eight clubs. The Washington Club withdrew before the season opened, and Wilmington was taken in. The Monumental Club disbanded in May, and the Ironsides of Lancaster filled the vacancy. The Harrisburg Club disbanded in July, and shortly afterwards the Actives of Reading gave up the ghost. The Atlantic Club of Long Island City was taken in, but after playing two games, was expelled for nonpayment of guarantees. The York Club then took up the Harrisburg schedule and played the season out. In August the Virginia Club of Richmond seceded to the American Association, and was shortly followed by the Wilmington Club, which entered the Union Association. The percentage of the five remaining clubs at the close of the season was: Trenton, .547; Ironsides, of Lancaster, .488; Domestic, of Newark, .444; Allentown, .422; York, .355. The full record of games won and lost is as follows:

CLUBS.	Active.	Allentown.	Atlantic.	Domestic.	Harrisburg.	Ironsides.	Monumental.	Trenton.	Virginia.	York.	Games Won.	Games Lost.	Games Played.
Active	..	5	0	3	4	3	0	5	4	2	1	27	27	54
Allentown	4	..	0	4	3	7	0	6	5	0	1	30	41	71
Atlantic	0	0	..	0	0	0	0	0	0	0	0	0	2	2
Domestic	6	7	0	..	2	5	0	4	2	2	4	32	40	72
Harrisburg	2	2	0	3	..	0	2	4	1	1	0	15	24	39
Ironsides	3	4	0	6	0	..	0	5	3	2	7	30	31	61
Monumental	0	0	0	0	2	0	..	0	1	0	0	3	10	13
Trenton	4	9	0	10	2	6	0	..	6	2	7	46	38	84
Virginia	2	3	2	6	5	5	2	2	..	3	0	30	28	58
Wilmington	5	9	0	6	6	2	6	9	6	..	0	49	12	61
York	1	2	0	2	0	3	0	3	0	0	..	11	20	31

The longest base-ball game ever played between the Harvard College nine and Manchester (professional) Club; 24 innings, score 0 to 0. Boston, Mass., May 11, 1877, Eclipse, of Louisville, against Akron, of Akron, O. (prof.), 19 innings, score 2 to 2, Louisville, Ky., June 26, 1881. Providence vs. Detroit (League), 18 innings, won by Providence, score 1 to 0, Providence, R. I., August 17, 1882. Throwing regulation ball, 133 yards 1 foot 7½ in., John Hatfield, of Mutual Club,

N. Y., in Brooklyn, October 15, 1872. 135 yards 7 inches, said to have been accomplished by Ed. Crane, of the Boston Union Club, at Cincinnati, October 12, 1884. Running bases, 120 yards, said to have been accomplished in 14 seconds, by Gore of the Chicago Club, in a competition against time, San Francisco, Cal., November 9, 1879.

The 1884 series of games between the Philadelphia and Athletic clubs resulted in the Philadelphia winning nine and the Athletic five.

CRICKET.

Tour of the Philadelphia Cricketers through Great Britain and Ireland, June–August, 1884. The first American team to visit England.

Date.	Place.	Opponents.	Result.	Philadelphians' Innings.		Opponents' Innings.	
				1st.	2d.	1st.	2d.
June 2–3 ..	Dublin.	Trinity College.	Drawn.	181	23*a*	181	218
" 4–5 ..	Dublin.	Gentlemen of Ireland.	Won by six wickets.	219	47	88	177
" 7–9 ..	Edinburgh.	Gentlemen of Scotland.	Lost by five wickets.	119	94	79	136
" 13–14..	Scarborough.	Scarborough Club.	Drawn.	438	—	138	235*b*
" 16–17..	"Lords," London.	Gentlemen of M. C. C.	Lost by an in'gs and 171 runs.	174	61	406	—
" 20–21..	Stockport.	Gentlemen of Cheshire.	Won by an in'gs and 292 runs.	520	—	83	145
" 23–24..	Leicester.	Gentlemen of Leicestershire.	Won by an in'gs and 108 runs.	260	—	57	95
" 27–28..	Sonthampton.	Gentlemen of Hampshire.	Lost by five wickets.	189	94	202	85
" 30–Jy.1	Cheltenham.	Gentlemen of Gloucestershire.	Won by 168 runs.	162	207	94	107
July 2–3 ..	Bath.	Lansdowne C. C.	Drawn.	319	—	311	18*c*
" 4–5 ..	Rochdale.	Castleton C. C.	Won by an in'gs and 16 runs.	298	—	84	198
" 7–8 ..	Liverpool.	Liverpool C. C.	Won by four runs.	185	102	169	114
" 11–12..	Newcastle.	Gentlemen of N'thumberland.	Won by 96 runs.	145	112	72	89
" 14–15..	Derby.	Gentlemen of Derbyshire.	Drawn.	157	243	141	60*d*
" 17–18..	"The Oval," London.	Gentlemen of Surrey.	Won by three wickets.	151	229	190	189
" 21–22..	Brighton.	Gentlemen of Sussex.	Lost by ten wickets.	181	164	302	46
" 25–26..	Maidstone.	Gentlemen of Kent.	Lost by six wickets.	106	229	296	43
Aug. 1–2 ..	Portsmouth.	United Services.	*f* Drawn.	311	160*e*	237	—

a. no wickets. *b*. 7 wickets. *c*, 1 wicket. *d*, 5 wickets. *e*, 1 wicket. *f*, 12 on each side.
SUMMARY.—8 matches won; 5 lost; 5 drawn.

Largest totals for an inning, 920, made by Orleans Club against Rickling Green, Eng., August, 1882. 794 (for 8 wickets), Royal Engineers, Chatham, England, 1875. 708 for 4 wickets, Emmanuel elevens, England, 1881. 357 for 5 wickets, largest ever made in United States, July 1, 1880. 551, Australia v. England, London, Aug., 1884. Largest individual scores: 211, Capt. Murdock, England, 1884; 415, not out, W. N. Roe, England, July, 1881; 400, not out, W. G. Grace, England, 1876; 250, not out, T. Horan, Australia, 1879. 180, not out, George M. Newhall, of Young America Club, Philadelphia, against Baltimore, July 1, 1880. 204, A. Browning, Montreal Club, in a game at Ottawa, Canada, July 1, 1880. Bowling average, 20 wickets for 59 runs, E. Peate, Shaw's 11 against U. S. 18, at Philadelphia, 1881. Throwing regulation ball, 132 yards, Mr. Forbes, England, 1876. 119 yards, G. J. Bonner, England, 1882.

PRINCIPAL MATCHES BETWEEN ENGLAND, AUSTRALIA AND UNITED STATES.

	Innings. 1*st.*	2*d.*	*Innings.* 1*st.*	2*d.*
1859—Parr's 11 vs. 22, at Philadelphia.....	126	29	94	60
1868—Wilsher's 11 vs. 22, at Philadelphia.....	92	36	88	35
1868—Wilsher's 11 vs. 22, at Philadelphia.....	117	64	47	62
1872—Gentlemen's 12 vs. 22, at Philadelpnia...	105	34	63	74
1878—Australian 11 vs. 11, at Philadelphia.....	150	56	196	53
1879—Lord Harris's 11 vs. 11, at Hoboken.....	266	—	84	55
1879—Irish 11 vs. 11, at Philadelphia.....	58	82	149	—
1879—Irish 11 vs. 11, at Philadelphia.....	122	—	108	—
1879—Daft's 11 vs. 22, at Staten Island	188	58	34	67

1879—Daft's 11 vs. 15, at Philadelphia	149	133	68	67
1881—Shaw's 11 vs. 18, at New-York	254	—	65	46
1881—Shaw's 11 vs. 18, at Philadelphia	114	166	71	77
1881—Shaw's 11 vs. 18. All Phila., at Phila	277	—	126	47
1882—Australians (11) vs. 18. All New-York, at Hoboken, N. J.	116	14	27	102

Won by 7 wickets.

1882—Australians vs. 18. All Philadelphia, at Philadelphia	106	53	82	76

Won by 10 wickets.

ROWING.

SINGLE SCULLS.—1½ miles, straight, 8.36, Joseph Laing (amateur), Lachine, Canada, August 19, 1882, 9.00¾, George W. Lee (amateur), Newark, N. J., 1878.—2 miles, turn, 13.21½, James H. Riley (amateur), Saratoga, N. Y., 1876.—3 miles, turn, 20.03, George H. Hosmer, Hulton, Pa., September 28, 1883.—19.04, course said to be short. Edward Hanlan, Point of Pines, Mass., May 31, 1883; 21.01 trifle over three miles. Fastest ever rowed in England, Edward Hanlan, of Toronto, Canada, Mansion House to Scottswood Bridge, on the Tyne, June 16, 1879.—4 miles, turn, 26.32 (accuracy of the course questioned), John Teemer, Oak Point, N. Y., August 2, 1884; 27.02, dead heat between James H. Riley and Edward Hanlan, Barrie, Ontario, 1879.—5 miles, turn, 34.10, John Teemer, Sebago Lake, Me., July 7, 1884.—10 miles, turn, 1h.23m. Joshua Ward, Poughkeepsie, N. Y., November 5, 1860.

DOUBLE SCULLS.—1½ miles, straight, 7.59, J. Buckley and W. O'Connell (amateurs), Lachine, Canada, August 21, 1882.—2 miles, turn, 12.16, C. E. Courtney and F. E. Gates (amateurs), Saratoga, N. Y., August 8, 1876.—3 miles, turn, 18.37, Edward Hanlan and George W. Lee, Pullman, Ill., June 23, 1883.

PAIR OARS.—1½ miles, straight, 8.41, J. H. Clegg and F. D. Standish (amateurs), Lachine, Canada, August 19, 1882.—2 miles, straight, 12.20¾, J. H. Riley, J. A. Kennedy (amateurs), Greenwood Lake, N. Y., October 9, 1876.—3 miles, turn, 20.28, G. Faulkner, P. Reagan (professionals), Philadelphia, 1876.—5 miles, turn, 32.01, John and Bernard Biglin (professionals), Philadelphia, May 20, 1872.

FOUR OARS.—1½ miles, straight, 7.46¾, Emerald Club (amateur), of Saginaw, Mich., at Detroit, Mich., 1877. Best time over the National Course, Schuylkill River, Philadelphia, straight, 8.39, University of Pennsylvania, crew, June 23, 1883.—3 miles, straight, 15.32¼, Argonauta Rowing Association (amateur), Kill von Kull, N. J., 1875.—3 miles, turn, 17.58, "Fisherman Crew," of Halifax, N. S., at Philadelphia, 1876.—4 miles, turn, 24.40, Ward Brothers, Saratoga, N. Y., 1871.—4 miles, 440 yards, straight, 20.40, Thames Rowing Club, Putney Aqueduct to Mortlake, Eng., September 15, 1882.—5 miles, turn, 30.43¾, John, James and Bernard Biglin, and Denny Leary, Harlem River, N. Y., September 10, 1860.

SIX OARS.—3 miles, straight, 16.32 4-5 Amherst University Crew (amateurs), Springfield, Mass., July 24, 1872; 17.40½, Ward Brothers, Lake Quinsigamond, Mass., 1868.

EIGHT OARS.—1½ miles, straight, 7.51, Metropolitan Rowing Club Crew (amateurs), Newark, N. J., August 8, 1883; 8.06¼, Columbia College Crew (amateurs), National Course, Schuylkill River, July 10, 1884.—3 miles, straight, 17.34¾, Cornell University (amateurs), Owasco Lake, N. Y., July 17, 1878.—4 miles, straight, 20.44¾, Harvard University (amateurs), New London, Conn., June 28, 1878.—4⅜ miles, straight, 19.35, Cambridge University (amateurs), Thames, Eng., 1873.

RUNNING.

100 yards.—9¼ seconds, flying start, Geo. Seward (professional), England, Sept. 30, 1844.

120 yards.—11½ seconds, Geo. Seward, England, May 3, 1847.

130 yards.—12½ seconds, W. Johnson (professional), Fenham Park, England, Feb. 9, 1867.

131½ yards.—12¼ seconds, Harry Hutchens, (professional), Sheffield, England, Feb. 21, 1882.

150 yards.—15 seconds, C. Westhall (professional), Manchester, England, Feb. 4, 1851; George Forbes (professional), Providence, R. I., Dec. 20, 1869; W. P. Phillips (amateur), London, England, May 22, 1880, and H. M. Johnson (professional), Titusville, Pa., Oct. 18, 1883.

200 yards.—19½ seconds, Geo. Seward (professional), England, March 22, 1847. 20⅛ seconds, L. E. Myers (amateur), New-York, Sept. 15, 1881.

220 yards.—22½ seconds, W. P. Phillips (amateur), England, Sept. 28, 1878; and L. E. Myers (amateur), New-York, Sept. 15, 1881.

400 yards.—43⅝ seconds, L. E. Myers (amateur), New-York, June 3, 1882.

440 yards.—48¼ seconds, Richard Buttery (professional), England, Oct. 4, 1873. 48 3-5 seconds, L. E. Myers, England, July 16, 1881, and 48¾ seconds, Philadelphia, Oct. 15, 1881.

880 yards.—1.53¼ seconds, Frank Hewitt, Australia, Sept. 21, 1871. 1.55 3-5 seconds, L. E. Meyers, New-York, Oct. 8, 1881.—1.56 seconds L. E. Myers, England, 1881.

1 mile.—4.16 1-5, William Cummings, Preston, England, May 14, 1881.

2 miles.—9.11½, Wm. Lang, England, Aug. 1, 1883. 10.01½, W. C. Davies (amateur), New-York, Sept. 17, 1880.

3 miles.—14.36, J. White, England, May 11, 1863. 14.42 4-5, W. G. George, (amateur), England, November 5, 1881.—15.38, J. H. Gifford, New-York, 1881.

4 miles.—19.36, J. White, England, May 11, 1863.—19.49 3-5, W. G. George, England, September 4, 1880.

5 miles.24.40—J. White, England, May 11, 1863,—25.36, W. G. George (amateur), England, March 25, 1882.

10 miles.—51.26, L. Bennett (Deerfoot), England, April 3, 1863. 52.10 1-5, Wm. Steel, New-York, May 19, 1883.

15 miles.—1.22.00, J. Howett, England, March 22, 1882.

20 miles.—1.54.00, Patrick Byrnes, Halifax, N. S., Oct. 4, 1879. 1.56.38, J. E. Warburton, Blackburn, England, May 29, 1880.

25 miles.—2.363.4, G. Mason, England, March 14, 1881.
30 miles.—3.15.09, G. Mason, England, March 14, 1881.
40 miles.—4.34.27, James Bailey, England, March 14, 1881.
50 miles.—6.14.47, George Hazael, England, April 21, 1879.
100 miles.—13.26.30, Charles Rowell, Feb. 27, 1882.
150 miles.—25.34.51, Chas. Rowell, England, Nov., 1880.
200 miles.—35.43.10, Chas. Rowell, England, Nov., 1880.
250 miles.—46.24.50, Chas. Rowell, New-York, Feb., 1882.
300 miles.—58.17.06, Chas. Rowell, New-York, Feb., 1882.
400 miles.—86.12.15, George Hazael, New-York, March, 1882.
500 miles.—110.14.30, George Hazael, New-York, March, 1882.
600 miles.—141.11.35, George Hazael, New-York, March, 1882.
1 hour.—11 miles, 970 yards, L. Bennett (Deerfoot), England, April 3, 1863.
Best six-day race, 142 hours.—600 miles, 220 yards, George Hazael, New-York, Feb. 27 to March 4, 1882.

WALKING.

½ mile.—3.02 2-5, F. P. Murray (amateur), New-York, October 22, 1883.
1 mile.—6.23, W. Perkins, England, June 1, 1874; 6.29 3-5, Frank P. Murray (amateur), New-York, October 27, 1883.
2 miles.—13.14. J. W. Raby, England, August 20, 1883; 13.49 3-5, John Meagher, New-York, November 29, 1882.
3 miles.—20.21½. J. W. Raby, England, August 20, 1883; 21.11½, John Meagher, New-York, November 29, 1882.
4 miles.—27.38, J. W. Raby, England, August 20, 1883; 28.42½, John Meagher, New-York, November 29, 1882.
5 miles.—35.10, J. W. Raby, England, August 20, 1883; 36.08, John Meagher, New-York, Nov. 29, 1882.
10 miles.—1.14.45, J. W. Raby, England, December 3, 1883; 1.17.40¾, E. E. Merrill (amateur), Boston, Mass, October 5, 1880.
15 miles.—1.55.56, J. W. Raby, England, December 3, 1883.
20 miles.—2.39.57, W. Perkins, England, July 16, 1877.
25 miles.—3.35.14, W. Franks, England, August 28, 1882.
50 miles.—7.57.44, William Howes, England, March 30, 1878.
100 miles.—18.53.40, Daniel O'Leary, Chicago, Ill., October 16, 1875.
150 miles.—30.36.28, George Littlewood, England, March, 1882.
200 miles.—40.46.30, Geo. Littlewood, England, March, 1882.
400 miles.—96.51.03, Geo. Littlewood, England, March, 1882.
500 miles.—130.34.50, George Littlewood, Sheffield, England, March 7 to 11, 1882.
1 hour.—8 miles 302 yards, John Meagher, New-York, November 29, 1882.
24 hours.—127 miles 1,210 yards, Wm. Howes, London, Eng., February 23, 1878.
139½ hours.—531 miles 677 yards, George Littlewood, Sheffield, Eng., March 6 to 11, 1882.
6,000 quarter-miles in as many consecutive periods of 10 minutes each, W. Gale, New-York, June 28 to August 8, 1881.
122 miles.—25.58, greatest distance walked without rest, Charles Harriman, North Bloomfield, Cal., September, 1883.

JUMPING.

Running Long Jump.—29 ft. 7 in., John Howard, with 5 lb. dumb-bells, England, 1854. 23 ft. 3¾ in., Charles Biggar, with weights, Canada, 1879; without weights, 23 ft. 2 in., Patrick Davin (amateur), Portarlington, Ireland, Sept. 13, 1883.
Standing Long Jump.—With weights, 14 ft. 5½ in., G. W. Hamilton, Romeo, Mich., Oct. 3, 1879. 12ft. 9½ in., Louis Helwig (amateur), New-York, Nov. 21, 1884. Without weights 10 ft. 10½ in., H. M. Johnson (professional), New-York, Sept. 4, 1884. 10 ft. 7¾ in., M. W. Ford, (amateur), St. Louis, Mo., Nov. 27, 1884.
Running High Jump.—6 ft. 2¾ in., without weights, P. Davin (amateur), Ireland, July 5, 1880. 6 ft. 2½ in., M. J. Brooks (amateur) England, 1876. 5 ft. 11 in., E. W. Johnston, Canada, July 1, 1879.
Standing High Jump.—5 ft. 3 in., E. W. Johnston, Baltimore, Md., May 27, 1878. 5 ft. 1¼ in., W. Soren (amateur), New-York, May 29, 1880.
Three Standing Jumps.—39 ft. 1 in., G. W. Hamilton, Lancashire, Eng., November, 27, 1880.
Running Hop, Step and Jump.—48 ft. 2 in., John Blair, Barrie, Ont., May 24, 1881; 47 ft. 7 in., R. Knox, Scotland, August, 1870.
Standing Hop Step and Jump.—40 ft. 2 in., D. Anderson, England, July 24, 1865.
Pole Vaulting for Height.—11 ft. 4½ in., T. Ray (amateur), Preston, Eng., August 18, 1883; 11 ft. ½ in., H. H. Baxter, New-York, June 2, 1883. For Distance, 22 ft. 1½ in., J. V. Witherbee, Canton, N. Y., May 23, 1879.
Run, 15 Hops and Jump.—180 ft. 10 in., W. Hall, Aldham, England, January 31, 1880.
Running Hitch and Kick.—8 ft. 5 in., G. G. Hendrickson (amateur), Princeton, N. J., June 21, 1873.
Running High Kick.—9 ft. 2 in., O. D. Thompson (amateur), New Haven, Ct., March 1, 1879; and E. C. Purcells, St. Louis, Mo., September 30, 1878.

MISCELLANEOUS.

Bicycle Riding.—½ mile.—1.18 1-5. Saunders Sellers (amateur), Springfield, Mass., September 17, 1884.
1 mile.—2.39, John S. Prince (professional), Springfield, Mass., September 17, 1884.
2 miles.—5.36 3-5, Ion Keith-Falconer (amateur), Eng., 1879.—5.42¾, H. W. Gaskell (amateur), Springfield, Mass., September 17, 1884.
3 miles.—8.36 2-5, R. Howell (professional), Springfield, Mass., September 16, 1884.
4 miles.—¾11.55 2-5, L. B. Hamilton (amateur), Springfield, Mass., September 17, 1884.
5 miles.—14.28, R. Howell (professional), Wolverhampton, Eng., October 8, 1883; 14.51, H. W. Gaskell (amateur), Springfield, Mass., September 17, 1884.
10 miles.—29.22, F. J. Lees (professional), Leicester, Eng., August 18, 1883.—

30.07 1-5, R. Howell (professional), Springfield, Mass., September 17, 1884.

20 miles.—58.34, F. J. Lees (professional), Leicester, Eng., August 18, 1883.

25 miles.—1.16.41 3-5, H. L. Cartis (amateur), England, September 22, 1880.

50 miles.—2.43.58 1-5, Ion Keith-Falconer (amateur), London, Eng., July 29, 1882.

100 miles.—5.50.05 2-5, F. R. Fry (amateur), London, Eng., July 27, 1883.

TRICYCLE (In America)—1 mile.—3.13 1-5, R. Chambers, Springfield, Mass., September 18, 1884.

2 miles.—6.27, E. P. Burnham, Springfield, Mass., September 16, 1884.

5 miles.—17.14 2-5, R. Chambers, Springfield, Mass., September 17, 1884.

TANDEM TRICYCLE.—1 mile, 2.54; 2 miles, 5.54, R. Cripps and H. F. Wilson, Crystal Palace Track, England, September 23, 1884.

RIFLE SHOOTING.—Off-hand, at 200 yards; 50 out of a possible 50, W. M. Farrow, Creedmoor, L. I., October 22, 1879, and Boston, Mass., January 24, 1880; J. S. Summer, Boston, February 28, 1880; 75 out of a possible 75, Dr. W. F. Wilcox, Catskill, N. Y., May 3, 1882; 100 out of a possible 100, W. M. Farrow, Boston, Mass., October 15, 1882, and H. G. Bixby, Boston, April 6, 1880; 457 out of a possible 500, military rifles, Fred Kuhnle, San Francisco, Cal., December 24, 1882, and again March 4, 1883. Reclining; 1,000 yards; 75 out of a possible 75, W. H. Jackson, Boston, Mass., August 13, 1879; J. K. Milner, Irish team, Creedmoor, L. I., September 14, 1876; C. H. Laird, Washington, D. C., October 18, 1879, and others; 145 out of a possible 150, W. M. Farrow, Creedmoor, L. I., September 17, 1880; 224 out of a possible 225, at 800, 900 and 1,000 yards, 15 shots at each distance, William Gerrick, Boston, Mass., September 15, 1880; W. C. Gregory, Boston, August 24, 1881; C. M. Bell, Chicago, Ill., October 1, 1881; 3,334 points out of a possible 3,600; American team against British team for Centennial Trophy, eight men, 800, 900, 1,000 yards, 30 shots at each distance, Creedmoor, L. I., September 13, 14, 1877.

SKATING.—100 yards straight away, 10 3-8 sec.; 200 yards straight away, 21⅝ sec.; G. D. Phillips (amateur), New-York, January 27, 1883; 440 yards straight away, 42⅛ sec.; G. D. Phillips (amateur), Cortlandt Lake, N. Y., January 13, 1884; 880 yards straight away, 1 min. 30 sec.; G. D. Phillips (amateur), New-York, January 6, 1884; 1 mile straight away, 1 min. 56 sec., said to have been made by Wm. Clarke, Madison, Wis., 1878; 3 min., "Fish" Smart (professional), Lincolnshire, Eng., January 20, 1881. On a four-lap track.—1 mile, 3 min. 26 2-5 sec.; 2 miles, 6 min. 56 1-5 sec.; 3 miles, 10 min. 32 2-5 sec.; 4 miles, 14 min. 13 1-5 sec.; 5 miles, 17 min. 56 2-5 sec.; 6 miles, 21 min. 38 sec.; 7 miles, 25 min. 17 4-5 sec.; 8 miles, 29 min. 09 4-5 sec.; 9 miles, 32 min. 54 1-5 sec.; 10 miles, 36 min. 37 1-5 sec; 15 miles, 55 min. 09 sec.; 20 miles, 1 hr. 14 min. 07 1-5 sec.; 25 miles, 1 hr. 33 min. 28 2-5 sec. Alex. Paulsen (amateur), Washington Park, Brooklyn, N. Y., February 2, 1884. He skated 16 miles, 590 yards, in one hour.

BILLIARDS.—Three-ball caroms, 1,531 points run.—M. Vignaux, 4,000 points game (800 points per night), against G. F. Slosson, who ran 1,103, Cremorne Hall, Paris, France, April 10-14, 1880. Highest in America, 804.—Edward McLaughlin, match of 1,000 points, Philadelphia, December 12, 1883. Four-ball game, 1,483 points run, in game of 1,500 points: John McDevitt, New-York, January 8, 1868. Champion's game, three-ball caroms, 398 points run, in game of 3,000 points (600 per night): George Slosson, Grand Hotel, Paris, France, January 30, February 3, 1882; second highest, 394 points, by M. Vignaux, in same game.

SWIMMING.—100 yards, two turns, 1:08½, T. E. Jones, London, England, Oct. 21, 1878.—200 yards, straight, 2.17, F. S. Campbell (amateur), Detroit River, Mich., Aug. 14, 1877.—400 yards, 19 turns, 5.36, J. Finney, London, England, Dec. 19, 1883.—1 mile, straight, with strong tide, 12.42¼, Chas. F. Leuk (amateur), East River, N. Y., Sept. 1, 1878.—28.19¾ J. J. Collier, Hollingsworth Lake, England, Aug. 23, 1884.—Open water, 28.42 2-5, J. B. Johnson, Hendon Lake, June 22, 1872.—35 miles (about), 21.45.00, Capt. Matthew Webb, across the English Channel, Dover, England, to Calais, France, Aug. 24-25, 1875.

PLUNGING.—73 feet 1 inch, J. Strickland, Melbourne, Australia, March 15, 1880.

SWIMMING UNDER WATER.—133 yards, 1 foot, James Finney, Blackpool, England, Oct. 20, 1882.

STAYING UNDER WATER.—4.02¾. Peter Johnson, tank, Royal Music Hall, London, England, April 6, 1882.

HEAVY-WEIGHT PERFORMANCES.—Throwing 16-pound hammer, with a run, 138 feet 3 inches, G. H. Hales (amateur), England, April 7, 1876.—Throwing 16-pound hammer, standing, 96 feet 1½ inches, C. A. J. Queckberner, New-York, Oct. 4, 1884.—Putting 56-pound shot, 21 feet 9 inches, J. Maxwell, Ireland, Oct. 4, 1883.—Throwing 56-pound weight, 26 feet 3½ inches, C. A. J. Queckberner, New-York, Sept., 1884.

DUMB-BELLS.—Twelve-pound bell put up 14,000 times with one hand, A. Corcoran, Chicago, Ill., Sept. 10, 1859.—50½-pound pound dumb-bell lifted from the floor with right hand 7,600 times in 1 hour, 30 minutes, Chas. O. Breed, Lynn, Mass., Dec. 2, 1882.—104-pound dumb-bell put up from shoulder, G. D. Parmly, New-York, Feb. 4, 1878.—201-pound 5 ounce dumb-bell put up with both hands, R. A. Pennell, New-York, Jan. 31, 1874.

LIFTING.—By hand, without the use of straps, 1,442½ pounds, D. L. Dowd, Springfield, Mass., March 27, 1883.—With harness, 3,239 pounds, W. B. Curtis, New-York, Dec. 20, 1868.

GLASS-BALL SHOOTING.—300 balls in succession, using shotgun, A. H. Bogardus, Lincoln, Ill., July 4, 1877.—500 out of 514 shot at, two traps 12 feet apart, 14 yards rise, 24 minutes 2 seconds, J. C. Haskell, Lynn, Mass., May 30, 1881.—500 out of 535 in 25 minutes 15 seconds;

1,000 in 1 hour 1 minute 54 seconds; 990 out of 1,000, with shotgun, 14 yards rise; 5,500 in 7 hours 19 minutes 2 seconds, with shotgun, Captain A. H. Bogardus.—5,500 out of 6,222 shot at, in 7 hours 30 minutes 30 seconds, W. F. Carver, with Winchester repeating rifles, Brooklyn, L. I., July 13, 1878.

PIGEON SHOOTING.—100 single birds (tame doves) in succession, A. H. Bogardus, Chicago, Ill., 1869.—99 out of 100 (pigeons), 30 yards rise, from 5 traps, A. H. Bogardus, Brighton Beach, N. Y., July 2, 1880.

PRIZE RING.—First ring fight in America in 1816, Jacob Hyer and Thos. Beasley.—Longest battle on record, 6 hours 15 minutes, James Kelly and Jonathan Smith, Australia, 1855.—Longest glove-fight, 5 hours 3 minutes (76 rounds), John Welch and William Sheriff, Philadelphia, April 10, 1884.—Shortest glove-fight, 1 minute 5 seconds, Michael Cleary and William Sheriff, Philadelphia, May 19, 1884.

FOOT-BALL.—17 goals to 0, Nottingham Foresters in a match, Derbyshire, England, March 30, 1881.

PIGEON FLYING.—1,000 miles in 100 hours, two birds, Lisbon, Portugal, to Belgium, Aug. 5-9, 1881.—Longest fly in America, 704 miles in 51 hours, I. C. Decumbe's bird, Kansas City, Mo., to Cleveland, O.

RAILROADS.—April 22, 1882, Engine No. 22, of the West Jersey Railroad drew three heavy coaches and 124 newspaper excursionists from Camden to Cape May, a distance of 81.5 miles, in 83 minutes 30 seconds; the 76.1 miles between Westville and Cape May were covered in 76 minutes; the 61.1 miles between Woodbury and Cape May Court House were gone over in 60 minutes; the 16½ miles between Glassboro and Vineland were run in 14 minutes, and the 4 1-5 miles from Newfield to Vineland were passed in 3 minutes, or at the rate of one mile in each 43 seconds.

GAME LAWS.

PENNSYLVANIA.

BIRDS.	*Open Season.*
Turkeys	Oct. 15 to Jan. 1.
Ducks	Sept. 1 to May 16.
Plover	July 15 to Jan. 1.
Woodcock	July 4 to Jan. 1.
Quail	Oct. 15 to Jan. 1.
Ruffed Grouse or Pheasant	Oct. 1 to Jan. 1.
Rail and Reed Birds	Sept. 1 to Dec. 1.
ANIMALS.	
Elk and Deer	Oct. 1 to Jan. 1.
Squirrels	Sept. 1 to Jan. 1.
Hares and Rabbits	Oct. 15 to Jan. 1.
FISH.	
Salmon or Speckled Trout	April 1 to Aug. 1.
Lake Trout	Oct. 1 to Jan. 1.
Black Bass, Pike and Pickerel	June 1 to Jan. 1.

Penalties for infringements, $5 to $50.

PIKE COUNTY.

ANIMALS.	
Deer	Oct. 1 to Dec. 1.
Gray Rabbit	Oct. 15 to Dec. 16.
Gray or Black Squirrels	Sept. 1 to Dec. 16.
BIRDS.	
Quail	Oct. 15 to Dec. 1.
Ruffed Grouse	Sept. 15 to Dec. 16.
Woodcock	July 4 to Dec. 16.
Wood or Common Duck	Oct. 1 to Jan. 1.

NEW-JERSEY.

BIRDS.	*Open Season.*
Quail and Ruffed Grouse or Pheasant	Nov. 1 to Jan. 1.
Woodcock	July and Oct. 1 to Dec. 16.
Rail	Sept. 1 to Dec. 1.
Upland Plover	Aug. 1 to Jan. 1.
Prairie Chicken	Oct. 15 to Dec. 1.
Summer or Wood Duck	Sept. 1 to Jan. 1.
Reed Birds	Aug. 25 to Dec. 1.
ANIMALS.	
Deer	Oct. 15 to Dec. 1.
Rabbit	Nov. 1 to Jan. 1.
Gray and Fox Squirrels	Sept. 1 to Jan. 1.
Black Squirrels	Sept. 1 to June 1.
FISH.	
Salmon and Brook Trout	Mch. 1 to Oct. 1.
Black Bass	June 1 to Nov. 1.
Pike and Pickerel	May 1 to Mch. 1.

Penalties for infringement, $5 to $50.

DELAWARE.

BIRDS AND ANIMALS.	
Quail, Pheasant and Rabbit—	
New Castle Co.	Nov. 15 to Jan. 1.
Kent and Sussex Co.'s	Nov. 15 to Jan. 15.
Woodcock	July 1 to Jan. 1.
Rail and Reed Birds	Sept. 1 to July 1.

Penalties for infringements, $1 to $5.

In all States there is a penalty of from $5 to $50 for killing any insectivorous or song bird.

GENERAL AND LOCAL EVENTS.

December, 1883.

1.—Patrick O'Donnell convicted at London of the murder of the informer James Carey, and sentenced to death.—*Chicago Evening Journal* burned out; loss $56,000.—Masonic temple in New-York City partially destroyed by fire.—Dr. Albert G. F. Goersen convicted for the second time, at Philadelphia, of murder in the first degree. 3.—Organization of Congress; John G. Carlisle elected Speaker.—Pilot boat *Columbia* run into and sunk by Steamer *Alaska* seventy-five miles from Fire Island; all on board lost. 4.—Semi-centennial of the Anti-Slavery Society celebrated in Philadelphia. 5—Freeman, the Pocasset fanatic, acquitted of murder, on the ground of insanity.—Death of John T. Donnelly, theatrical manager, of Philadelphia. 6.—Final adjournment of extra session of the Pennsylvania Legislature, after sitting 182 days.—Six hundred houses destroyed by fire at Constantinople. 10.—French Chamber of Deputies votes a Tonquin Credits bill. 12.—Violent gales and much damage to property in England.—Strike of eighty-six *New-York Tribune* printers. 14.—Chief-Justice Sharswood's law library sold at auction.—New-York Standard Theatre burned. 17.—Execution at London of Patrick O'Donnell, murderer of informer James Carey.—Death at Carlisle of Jas. W. Bosler, ex-Senator.—Capture of Sontay by French forces. 21.—Mob uprising against nickel money in City of Mexico. 22.—Annual dinner at Continental Hotel of New England Society of Pennsylvania.—Lotta hissed on her first appearance at the London Opera Comique. 23.—Furious storm and cold weather throughout the North. 26.—Matthew Arnold lectures at Association Hall, Philadelphia. 27.—Snow-slides in Colorado cause considerable damage and loss of life. 28.—Lease of Chestnut and Walnut Street Passenger Railway to Market Street Railway Company. 30.—Mgr. Capel lectures at St. Peter's Cathedral, Philadelphia.—$200,000 fire at 119 and 121 Monroe Street, Chicago.

January, 1884.

Organization of the New-York Legislature; Titus Sheard elected Speaker of the Assembly.—Death of Joseph D. Murphy, theatrical manager, at 4,032 Aspen Street, Philadelphia. 2.—Twenty-two workmen killed in a collision on the Grand Trunk Railway, near Toronto, Ont.—The Emma Bond outrage case at Hillsboro, Ill., ended by a verdict of not guilty as to the defendants, Montgomery, Pettis and Clementi.—Resignation of United States Judge George W. McCrary, to take effect March 1; Judge McCrary becomes counsel for the A., T. & S. F. R. R. 3.—St. Lawrence River overflows the lower portions of Montreal City.—Assignment of Friedberger & Strouse, millinery, 733 Arch Street, Philadelphia. 4—Extreme cold in the West.—Death of Henry Bell of 630 Spruce Street, from injuries received in the early morning of December 26; foul play suspected.—Meeting and organization at Bingham House, Philadelphia, of ball-players' Eastern League.—Death in Italy of Marietta Gazzaniga, operatic singer, aged sixty.—Henry Villard resigns the Presidency of the Northern Pacific Railroad. 5.—Edward Lasker, German statesman and publicist, dies suddenly in New-York City.—Park Theatre at Cleveland, O., burned; loss $200,000.—Immaculate Conception Convent burned at Belleville, Ill.; 27 pupils and sisters burned to death. 6.—Coldest weather in Charleston, S. C., for 135 years. 7.—Delaware River frozen over from Trenton, N. J., to Philadelphia.—Pennsylvania Supreme Court begins its annual session in Philadelphia.—The Philadelphia Board of Education re-organized for 1884-'8.—Organization of the New-Jersey Legislature.—Henry B. Payne nominated by an Ohio Democratic Legislative caucus as U. S. Senator to succeed George H. Pendleton.—Acquittal at Philadelphia of Henry Moneis, tried once and convicted of complicity in the Kensington Bank robbery in 1871. 9.—City Republican convention in Philadelphia held.—Heavy gale on the New-Jersey coast; piers destroyed at Atlantic City and Cape May.—Suicide by hanging of Policeman Peter Beisel, aged 53, of First Philadelphia District. 10.—Tenth Ward citizens meet at the Academy of Music and pass resolutions in opposition to the elevated railroad scheme.—$1,000,000 failure of M. Waterman & Co., grain dealers, San Francisco. 12.—Death in Philadelphia of John W. Wallace, President of the Pennsylvania Historical Society.—Dr. Edward Martin, of University of Pennsylvania Hospital, shot in the face by Supt. Benj. F. Hamil of that institution. 14.—Beginning at Pittsburg of James Nutts' trial for murder of N. L. Dukes, at Uniontown, Pa.—George De B. Keim chosen President of the Reading Railroad.—Death at Philadelphia of Strickland Kneass, Assistant to President of P. R. R. 15.—Burning of a Bradford, Bordell & Kinzua railroad train in an oil fire; three killed and twenty-six injured.—John Hunter, of Philadelphia, nominated for Receiver of Taxes by the Committee of 100. 18.—Loss off Gay Head of Str. *City of Columbus*, Boston for Savannah; twelve passengers saved out of eighty-one, and seventeen out of a crew of forty-five.—Three men killed and four injured by explosion of Vulcan Dynamite Works near Allentown, Pa.—Edmund S. Tappan confesses the murder of Mrs. and Miss Maybee at Brookville, L. I., Nov. 17, 1883.—August Rosenberger shot and killed at Egg Harbor City by John Roehl. 19.—$2,000,000 failure in New-York of W. H. Guion, of Williams & Guion. 21.—Death at 3,719 Spring Garden Street of E. Harper Jeffries Controller of Philadelphia.—Suicide at Hotel Lafayette of Joseph I. Dowling, traveling salesman. 22.—Acquittal of James Nutt at Pittsburg of charge of murder of N. L. Dukes at Uniontown.—Col. M. R. Hamilton appointed State Librarian of New-Jersey. 23.—John Hunter nominated by Republican City Convention for Receiver of Taxes, vice George G. Pierie, declined. 24—Thirty-four miners killed by an explosion in a coal mine at Crested Butte, Colorado.—John Hunter named for Receiver of Taxes by Democratic City Con-

vention. 25—Democratic city nominations endorsed by the Committee of 100.—Wm. N. Hirst appointed City Controller by Gov. Pattison, to succeed E. Harper Jeffries, deceased. 26.—Perseverance Wood Works, at Ninth and Oxford Streets, Philadelphia, burned; loss $80,000. 27.—Celebration by liberal leagues of 147th birthday of Thomas Paine. 28.—Death at Washington of Representative E. W. M. Mackey, of South Carolina.—Reading Railroad stockholders vote to declare a dividend on the preferred but not on the common stock. 29.—Annual charity ball at the Academy of Music; $10,000 realized.—William Meredith, of Philadelphia, pronounced sane by a jury convened to investigate his case. 30.—End of a seven-months' strike of Pittsburg glass-workers on terms favorable to the workmen. 31.—A bill forfeiting the Texas Pacific land grant in Arizona and New-Mexico passes the House of Representatives. —$4,000,000 failure of P. W. Thomas, Sons & Co., London stockbrokers.—At Broad Ripple, seven miles from Indianapolis, Ind., a train of the Indiana & Chicago Air Line falls through a bridge; six persons killed and eight wounded.—Hebrew charity ball at the Academy of Music; $16,000 realized.

February, 1884.

1.—Sixty Philadelphia policemen raid a cock-fight on York Road; ninety-four men and twenty birds captured.—Bill for relief of Fitz John Porter passed in the House of Representatives.—Death at Mauch Chunk, Pa., of Harry E. Packer, President of the Lehigh Valley Railroad. 2.—Death at Boston of Wendell Phillips; born Nov. 11, 1811 —Axel Paulsen skates 25 miles, best on record, at Brooklyn, N. Y.—Mrs. Susan Coyle, aged 104, dies at 2312 Owen Street, Philadelphia. 3.—Baker Pasha's forces defeated by rebels in the Soudan; loss, 2,000 men.—Twenty boys fall through ice in the Schuylkill river at Callowhill Street bridge; one drowned.—John Hagan, aged 19, saves seven lives. 4.—Anxiety at Cincinnati over high water in the Ohio River.—Burning of Pfeil and Golz's lithographic works at Camden, N. J.; loss, $60,000. 6.—Allegheny City, Pa., inundated. 7.—Flood in the Schuylkill River owing to ice gorge at Flat Rock dam. 9.—Heavy flood in the Ohio River.—Five persons fatally shot in the streets of Hot Springs, Ark., in a quarrel concerning a gaming house. 11.—Charles Bradlaugh formally excluded from the English House of Commons, of which he had been elected a member.—Congress appropriates $300,000 for the relief of sufferers by Ohio floods. 12.—Suicide at a N. Y. city elevated R. R. station of Jennie H. Almey, after severely wounding Victor C. André.—Chas. Bradlaugh accepts the Chiltern Hundreds stewardship and seeks re-election to Parliament.—Capture of Sinkat by Egyptian rebels. 13.—Ohio flood increasing; all but 52 houses of Portsmouth, O., under water.—Annual meeting in N. Y. City of the National Trotting Association.—Strike of 300 shoemakers at Harris & Co.'s, Philadelphia. 14.—Arequipa, Peru, damaged $500,000 by a waterspout.—Suicide by shooting of Mrs. Annie Heypertz, aged 45, at 439 Garden Street, Philadelphia.—High water in the Ohio at Cincinnati, 71 ft. 4 in. 15.—Two buildings, undermined by flood, fall at Cincinnati; 12 persons crushed to death or drowned.—Reception at Horticultural Hall to John E. and William Redmond, Irish members of Parliament. 16.—Flour warehouse of E. Lathbury & Co., Broad and Vine Streets, Philadelphia, destroyed by fire; loss, $60,000; one man killed by falling walls. 18.—Republican City Committee charged with forging the name of Chairman Thacher of Democratic City Committee.—Commander W. S. Schley selected to take charge of the Greely relief expedition by Secretary Chandler. 19.—Destructive cyclones in Alabama, Georgia, South Carolina, Mississippi, Kentucky, Indiana, and Illinois, destroying towns and villages and killing many people.—Philadelphia municipal election. 20.—Nineteen miners killed by a fire-damp explosion near Uniontown, Pa.—Arrival at New-York of the *Frisia* from Hamburg with the bodies of Lieut.-Commander De Long and his comrades. 22.—Funeral at Philadelphia of Geo. W. Boyd, of De Long's *Jeannette* expedition.—Salmi Morse found drowned in the Hudson River.—Veterans of 1812, eight in number, hold a reunion at the Court House, Philadelphia. 26.—Dynamite explosion in the cloak room of the Victoria Railway station, London; seven men severely injured. 27.—$40,000 fire at Conestoga Print Works, Philadelphia.—Death at St. Petersburg of Hon. Wm. H. Hunt, U. S. Minister to Russia. 29.—Burning of Powers & Weightman's chemical works at Ninth and Parrish Streets, Philadelphia; loss $1,000,000.

March, 1884.

1.—Western Union operator dislodged from Howell Bros. banking house, Third Street, Philadelphia, by Baltimore & Ohio Telegraph Company. 2.—Fifteen business blocks burned in Utica, N.Y.; loss $800,000. 3—United States Supreme Court decides the legal tender act of 1878 to be constitutional. —President Arthur reappoints John K. Valentine United States District Attorney; Jas. N. Kerns United States Marshal; and appoints John M. Vanderslice Pension Agent, and William M. Bunn Governor of Idaho. 5.—Suicide at Bridesburg, Phila., of Amelia Maag, from despair at the predictions of a wandering fortune-teller. 6.—Ways and Means Committee agrees, by a party vote, to report the Morrison Tariff Bill.—Opening of the session of the German Reichstag.—Oilcloth works of George W. Blabon, Nicetown, partially destroyed by fire. 7.—Suicide in Joliet, Ill., State Prison, of Frank Rande, outlaw.—French forces in Tonquin begin their advance on Bac-Ninh. —Twelve persons killed in a snow slide at New Emma mine, Alta, Cal. 9.—Mary Miller, of Philadelphia, a fortune-teller, found dead in her room from cold and starvation. 10.—Death at Omaha of Rev. Robert H. Clarkson, first bishop of Nebraska P. E. Diocese.—Wallace Ross easily outrows Geo. Bubear on Thames River.—Treaty of peace between Chili and Peru ratified at Lima.—Mrs. Elizabeth Keating, aged 80, accidently burned to death at 310 South Sixteenth Street, Philadelphia.—Death of John T. Audenried, Philadelphia coal operator, at 1,823 Walnut Street. 11.—$1,000,000 fire in East St. Louis.—Mexican treaty ratified in the United States Senate.—Annual meeting of Pennsylvania Railroad stockholders.—Sink-

ing in the Delaware of the steam tug *Clyde*. 13.—One hundred and fifty-four miners killed by an explosion in Laurel Creek Coal Mines, Pocahontas, Va.—Fitz John Porter bill passed in the United States Senate.—Osman Digna's forces defeated near Suakin, by British troops under Gen. Graham.—Philadelphia Common Council requests the Gas Trustees to demand resignations of Chief Engineer Park and Cashier White.—Twenty-six young women graduated as doctors of medicine from the Woman's Medical College, of Philadelphia. 14.—Chief Engineer Park and Cashier White re-elected by the Philadelphia Gas Trustees.—Colbourn's spice mills, Philadelphia, burned. 17.—New-York Legislature passes a bill depriving New-York City aldermen of confirming power.—Death in Philadelphia of Dr. Casper Morris, aged 79.—Steeple of Fiftieth Baptist Church, Philadelphia, falls, wrecking the building.—Verdict of £5,000 damages affirmed at London in the Belt-Lawes libel suit. 18.—Formal inauguration of new building of Pennsylvania Historical Society. 19.—Death of Gen. L. Godfrey Weitzel, U. S. A., at Philadelphia. 20.—Charles Langheimer, "Dickens' Dutchman," dies a voluntary inmate of the Eastern Penitentiary, after forty-seven years of prison life. 21.—Tabernacle Church of Broad Street and Penn Square sold to John F. Betz. 24.—Two cardinals and twenty-one bishops created at a Papal Consistory in Rome.—Death at Paris of M. Mignet, French historian. 25.—Severe earthquake shock at San Francisco, Cal.—Ten persons killed in a cyclone at Colemansville, Ky.—Annual election of directors of the Pennsylvania Railroad Company. 26.—Death at Bethlehem, Pa., of Mary Penn Connelly, aged 92, a lineal descendant of William Penn. 27.—Headless trunk of a man, afterwards indentified as Frederick Stahl, found floating in Wissahickon Creek.—Death in New-York City of Augustus Schell.—British forces capture and burn Tamanieb, Egypt. 28.—Beginning of jail riots at Cincinnati, O.—Death at Cannes of Prince Leopold, youngest son of Queen Victoria. 29.—Six men killed by explosion of nitro-glycerine at Repauno Chemical Works, Thompson's Point, N. J. 30.—Rioting continued in Cincinnati, militia called out, court house burned, and many persons killed or wounded. 31.—Removal of Philadelphia post-office to the new building, at Ninth and Chestnut Streets.

April, 1884.

1.—Westmoreland County Treasurer's office broken open and robbed of valuable papers and $600.—Cyclone at Oakville, Ind., demolishes houses, killing or injuring fourteen persons. 2.—Revision of the list of killed and wounded in the Cincinnati riots shows that 45 were killed and 138 wounded.—Burning of oil store of Chas. W. Simons & Bro., 155 North Front Street, Philadelphia. 3.—City Councils adjourn without day.—Camac School closed by Health Officer Selfridge.—Southern cotton manufacturers meet at Augusta, Ga., and agree to restrict production.—Eight lives lost by the burning of steamer *Rebecca Everingham* on the Chattahoochee River, Ga.—Steamship *Daniel Steinmann* sunk off Sambro Light, N. S.; nine persons saved out of 129. 4.—Destructive forest fires in the turpentine districts of North Carolina. 7.—Bill to increase duties on wool defeated in the House of Representatives.—New municipal government of Philadelphia inaugurated; Councils reorganize.—Oxford and Cambridge boat race won by Cambridge.—Kollofrath's malt house, Philadelphia, burned; loss, $115,000. 8.—Testimonial banquet at St. George's Hotel to President-elect of Common Council Charles Lawrence. 9.—Democratic State Convention at Allentown. 11.—Death at London of Charles Reade, novelist; at Paris of Jean Baptiste Dumas, chemist. 14.—Destructive cyclones in Southern Georgia and Northern Mississippi. 15.—Three hundred Egyptian troops and 600 non-combatants massacred by Arabs at Shendy, on the Nile River. 16.—Republican State Convention at Harrisburg. 21.—Fall of the roof of the Sidoli Circus at Bucharest; 105 persons killed or injured. 22.—Eastern counties of England shaken by an earthquake. 25.—Philadelphia Gas Trustees reduce price of gas to $1.70 per thousand cubic feet.—Death at Newark, N. J., of ex-Governor Ward. 27.—Max Michael, of 945 Leithgow Street, burns himself and child to death. 28.—Cut in rates by telegraph companies with lines converging in Philadelphia.—Destructive cyclone in Montgomery and Green Counties, Ohio.—Richard Hettle kills Samuel Owens, 30, by one blow, at 1323 Morris Street, Philadelphia. 29.—Revenue Reform League organized by Boston business men.

May, 1884.

1.—Methodist General Conference meets at Philadelphia. 2.—Great forest fires in Clearfield, Lackawanna, Luzerne and Northumberland Counties of Pennsylvania.—Four robbers lynched at Harper, Kansas.—Emma Bickel acquitted of murder of Wm. Menow in Philadelphia, on the ground of insanity. 5.—Frederick Stahl's head found in Wissahickon Creek. 6.—Enacting clause of the Morrison Tariff Bill stricken out in the House of Representatives by a vote of 159 to 155.—Suspension of Marine National Bank, New-York.—Death at Philadelphia of Prof. Samuel D. Gross, surgeon.—Eugene G. Woodward, Treasurer of Presbyterian Board of Publication, absconds from Philadelphia; accounts $10,000 short. 7.—News of collision of steamer *State of Florida* in mid-ocean with the bark *Pomona*, on April 18; both vessels sunk and 135 lives lost. 8.—Assignment of Grant & Ward, bankers, of New-York City.—Cremation of remains of Prof. S. D. Gross, at Washington, Pa. 12.—Market Street Railway, Philadelphia, leased by Philadelphia Traction Company.—Billy Edwards knocked out by Charles Mitchell at Madison Square Garden, New-York. 13.—Death at Nantucket of Chas. O'Conor, lawyer; at Chicago of Cyrus McCormick, reaper inventor. 15.—Financial panic in New-York caused by numerous failures on Wall Street.—Four Bishops elected by the M. E. General Conference.—W. B. Cash, fugitive murderer, killed in South Carolina while resisting arrest. 16.—Death in Moyamensing prison of Dr. F. C. Melville, charged with criminal malpractice. 19.—Bei-Bezar, a town in Asia Minor, destroyed by fire; 1,675 buildings consumed.—Sheriff, "the Prussian," knocked out by Cleary in 65 seconds. 20.—Gen. Grant transfers his Philadelphia house, 2009 Chestnut Street, to

W. H. Vanderbilt in part payment for an advance of $150,000. 21.—Suspension of Penn Bank of Pittsburg.—Rev. Wm. Taylor elected Bishop for Africa by M. E. Conference. 22.—Cremation in Washington, Pa.; crematory limited to residents of Washington County. 23.—Oil tanks burned at Point Breeze, Philadelphia; loss $75,000.—Death at Doylestown, Pa., of ex-Attorney-General Lear. 25.—Warrants issued in New-York for the arrest of Bank Presidents John C. Eno, Second National Bank, and James D. Fish, Marine National Bank. 26.—Death in Philadelphia of Thomas S. Ellis, auctioneer. —Proofs of discrimination against the city of Philadelphia in the price of coal furnished by THE RECORD. 28.—Final adjournment of the M. E. Conference.—Heavy frosts throughout Pennsylvania and the West. 29. —Nine men crushed to death and eleven injured by giving way of a scaffolding in Krupp's tunnel, on South Pennsylvania Railroad.—Death at London of Sir Henry Edward Bartle Frere, Bart. 30.—Fall of a cotton warehouse at Baltimore; four men killed.—James Fitzpatrick, of Philadelphia, kills his son James, aged 25, by a blow with a sword.

June, 1884.

2.—Drowning off Mosquito Inlet, Fla., of Gen. Orville E. Babcock, Levi P. Luckey, and Benj. P. Sutton, by capsizing of a boat. 3.—Republican National Convention meets at Chicago. 4.—Discovery of the bodies of twenty-one infants in grounds attached to the Nivison Home, Hammonton, N. J.—Burning of petroleum refineries at Gibson's Point.—Reorganization of Academy of Music Board of Directors; Alfred G. Baker, elected President.—Three cannon recovered from wreck of the British frigate, *Augusta*, sunk off Red Bank, N. J., in Revolutionary times. 5.—Prisoner, John Gray, shot while attempting to escape from the Philadelphia House of Correction. 6.—Jas. G. Blaine nominated for President, and John A. Logan, for Vice-President, by the Republican National Convention.—Death of Thos. B. Pugh, manager of Philadelphia Academy of Music.—Russian imperial decree issued levying an import tax on pig-iron.—Anam accepts a French protectorate.—Opera House at Panama blown down by a hurricane.—Consolidation of Postal Telegraph Company and Bankers' and Merchants' Telegraph Company.—Sinking of steam yacht, *Stella*, at Rancocas Creek, Delanco, N. J., and drowning of Robert Coster and Albert Anderson, of Philadelphia. 8.—Paris Grand Prix won by Little Duck, owned by the Duc de Castries.—Ferry boat at Thompson's Falls, Montana, goes over the Falls; eleven men drowned. 9.—P. J. Ryan, D. D., of St. Louis, appointed Archbishop of Philadelphia.—Death of Henry Vennor, weather prophet; of Ex-Justice Swayne, of U. S. Supreme Court.—Receivers appointed for the New-York, West Shore & Buffalo Railroad.—Suicide at Danville, Ind., of General Abe Buford, of Louisville, Ky.—Mrs. Kate Gampher, 29, drowned in the Delaware River off Point House. 10.—New-York State Revenue Reform League organized in New-York City.—New Jersey Medical Society begins its 118th meeting at Cape May City. 11.—Opening to public travel of the Philadelphia, Germantown and Chestnut Hill branch of the Pennsylvania Railroad. —$6,000 fire in operating rooms of Philadelphia Local Telegraph Company.—Burning of $200,000 Union Depot at St. Paul, Minn. —Schooner, *Robert Morgan*, ashore at Atlantic City since January 9 last, hauled off into deep water.—Half a mile of railroad track in the Cumberland Valley destroyed by a waterspout.—Marriage of Grand Duke Louis of Hesse and Mme. Kalomine annulled.—Samuel J. Tilden declares his public career forever closed. 12.—Death at Reading, Pa., of Hon. Hiester Clymer; suicide by morphine. 13.—Massachusetts Independent Republicans declare against Blaine.—Petroleum discovered at Libi, Northwestern India. 14.—Railway collision at Ashland, N. J., on Camden & Atlantic Railroad; eight killed and seven wounded.—Strike of 3,000 operatives in worsted mills at Bradford, Eng.—Philadelphia Park Commission votes to allow Sunday music in the Park. 15.—Quarantine established between Brownsville, Tex., and Matamoras, Mexico.—Two human legs found in the Wissahickon, supposed to be Frederick Stahl's. 16.—Reduction of newspaper postage to 1 cent for four ounces. 17.—Death at Philadelphia of General Wm. McCandless, aged 49. 18.—Chas. Francis Adams elected President of Union Pacific Railroad.—Death of Bishop Matthew Simpson of M. E. Church.—Philadelphia Hardware and Malleable Iron Works burned; loss $40,000. 19.—Childs' cup won for the third time by the University of Pennsylvania four-oared crew.—Paymaster's train and berry train on Philadelphia & Atlantic City Railroad collide; three train hands injured.—Train wrecked on Burlington & Missouri River Railroad; thirty persons injured.—Great flood in the Rio Grande.—Death at Minneapolis of Wood Benson, actor, of Philadelphia. 20.—Commodore Garrison files an assignment in New-York City. —John E. Prince, bicyclist, defeats gelding Scotland in a ten mile race; time, 33 minutes 35½ seconds. 21.—Death at the Hague of the Prince of Orange; regency established, headed by Princess Wilhelmine and Queen Emma. 22.—First Sunday concert at Fairmount Park. 23.—Pennsylvania Schuylkill Valley trains began running to Norristown. —Outbreak of Asiatic cholera at Toulon, France. 24.—A. Wilson Norris nominated Pension Agent by President Arthur. 25.—Eleven persons poisoned by ice cream at Coal Bluff, Pa., two fatally.—Death at Dresden of Adrian Lewis Rechter, artist, aged 81.—Burning of picker house of Glen Cairn woolen mills, Germantown; loss, $25,000. 26.—Great storm throughout the country; 2½ inches of rain fell in Philadelphia in six hours.—Yale 8-oared crew defeats Harvard. 27.—Body of Peter Leonard, missing since last March, found floating in the lower Schuylkill.—Strike of shoemakers at Harris & Co.'s, Philadelphia. 30.—Death at Harrisburg, Pa., of J. Blake Walters, Ex-State Cashier.—Mary Kelly fatally shot at 400 Henry Street, Philadelphia, by John Caldwell.

July, 1884.

1.—Death at Chicago of Allan Pinkerton, detective.—Wholesale discharges of employes at Gray's Ferry Arsenal, Philadelphia. 2.—President Arthur vetoes the Fitz John Porter bill.—Suspension of the Gloucester City Savings' Institution, Gloucester, N. J. 3.—James Cluney kills Albert Beddow, in

Ward's Court, Germantown. 4.—Reunion at Philadelphia Court-House of five veterans of 1812. 5.—Organization at Cleveland of the American College of Musicians.—Sarah Bernhardt makes a failure in London in "Macbeth." 7.—Final adjournment of first session of Forty-eighth Congress.—Hail-storm inflicts great damage on crops in Lancaster County.—Intercollegiate 4-oared boat race at Saratoga won by crew of University of Pennsylvania. 8.—Democratic National Convention meets at Chicago. 10.—Columbia crew at Washington wins the Sharpless cup on the National course, in 8m. 6¾ sec.; best time on record. 11.—Cleveland and Hendricks nominated at Chicago.—Four persons burned to death in a fire at Bradford, Pa. 12.—John May, 49, of Conshohoken, fatally stabs his daughter Lizzie, 16, and then kills himself. 14.—Call issued from New-York City for an Independent Republican Conference.—Jailor W. J. Lucas killed and prisoner Richard May lynched by a mob at Owensboro, Ky. 15.—Strike of Philadelphia plasterers ends in a victory for the men.—Stallion Phallas trots a fourth heat in 2.13¾, best stallion time on record.—Dr. John B. Chapin, elected Superintendent of the Philadelphia Insane Hospital.—Twenty-five persons killed and forty injured near Penniston, Eng., in an accident on the Manchester & Sheffield Railroad; train fell from a bridge. 17.—News received from St. John, N. F., of the arrival there of the relief vessels, *Thetis* and *Bear*, with six survivors of the Greely Arctic expedition. 18.—Destruction by fire of Belknap, entrepot of the Cœur d'Alene mining district in Montana. 19.—Excursion train derailed on Connoton Valley Railroad, Ohio, twenty-two persons injured. 21.—Strike in New-York City of 5,000 bricklayers for nine hours a day.—Death in Philadelphia of General Anthony H. Reynolds.—Collision off Corunna, Spain, of steamers *Gijon*, Spanish, and *Lexham*, British; 130 lives and both vessels lost. 22.—Independent Republican Conference in New-York City endorses Cleveland for President. 23.—National Prohibition Convention assembles at Pittsburg, Pa.—Death at Swissvale, Pa., of Mrs. Jane Grey Swisshelm. 24.—St. John and Daniels nominated for President and Vice-President by Prohibition Convention.—Jeremiah Crodin fatally stabbed by his stepson, Joseph McGonigal, at 2,624 Kansas Street, Philadelphia. 26.—First successful operation in America of an electric railway at Cleveland, O. 28.—Arrival from Africa, at Plymouth, Eng., of Explorer H. M. Stanley. 29.—Five hundred cattle slaughtered at Chicago to prevent the spread of Texas fever.—Heavy storm and floods in Maryland and West Virginia. 30.—Failure of Brettle & Bro., wool and yarns, Philadelphia; liabilities, $125,000.—Suicide by shooting of David Bourquin, at 416 Vine Street, Camden, N. J.—Four daughters (aged seventeen, thirteen, nine and seven) of Nathan Miller killed by lightning, while asleep at home, near Marysville, Kas.

August, 1884.

1.—Five persons poisoned at 417 North Nineteenth Street, Philadelphia, by eating 100 strychnine pills.—Burning of the Rink Building at Twenty-third and Chestnut Streets, Philadelphia; loss $130,000.—Jay-Eye-See trots one mile in 2.10. 2.—Mr. Gladstone announces dissolution of the Egyptian conference.—Maud S. trots a mile in 2.09¾. 3.—Fall of a wall of the United States Hotel at Washington; five persons fatally injured. 4.—Reception at Portsmouth, N. H., to the survivors of the Greely Expedition.—$150,000 fire at the Baldwin Locomotive Works, Philadelphia. 5.—Corner-stone laid of the pedestal of Bartholdi's statue of Liberty, Bedloe's Island.—Destruction by fire of Pennsylvania Railroad's depot at Jersey City; loss $250,000. 8.—Dead bodies of Lieut. Greely's comrades brought to New-York.—$60,000 fire at Roach's shipyard, Chester.—Death in Germantown, of Hon. Vincent L. Bradford.—Kelung bombarded by the French fleet; Franco-Chinese war begins.—Reported disappearance and flight of Henry A. Haworth, Councilman, of Philadelphia.—Wedding in London of Wm. H. Hurlbert and Katherine Parker Tracey. 10.—Earthquake shock in Philadelphia at 2.09 P. M. 11.—Failure of the Wall Street Bank, of New-York City, caused by dishonesty of its cashier, John P. Dickinson. 14.—*Indianapolis Sentinel* sued for libel by J. G. Blaine.—Cannibalism indicated by an examination at Rochester, N.Y., of the body of Lieut. Kislingbury, victim of Greely's Arctic Expedition. 15.—Report of finding of Jeannette relics off the Greenland coast.—James Duffy fatally shot by Watchman Corson of E. C. Knight & Co.'s refinery, Philadelphia. 16.—Ed. Hanlan beaten at Sidney by Wm. Beach in a three-mile rowing race.—Burning of business portion of Anoka, Minn.; loss, $1,000,000.—China declares war against France. 18.—Sale of Maud S. to Robert Bonner by W. H. Vanderbilt for $40,000.—Gen. Butler issues a political address.—Ella Watson murdered by Howard Sullivan at Yorktown, Salem County, N. J. 19.—Governor Cleveland's letter of acceptance issued.—Arrival in Philadelphia of Archbishop P. J. Ryan. 20.—Suspension of Warner, Merrett & Co., Philadelphia, wholesale fruit dealers. 21.—United States steamer *Tallapoosa* sunk off Oak Bluffs, Martha's Vineyard, by the coal Schooner James S. Lowell. 23.—Foo-Chow bombarded by the French squadron; Chinese fleet destroyed. 25.—Death at Philadelphia of James L. Claghorn, President Commercial National Bank.—Damage by frosts to crops in the North and East.—Failure of Ladner Bros., bankers and brokers, Philadelphia. 27.—Suspension and assignment of Lancaster Watch Company.—Death at Philadelphia of Henry M. Phillips, attorney-at-law.—Caceres' forces enter Lima, Peru; 150 people killed in the rioting. 29.—Arrest of Ladner Brothers, of Philadelphia, on charges of embezzlement.—Sixty circus employés trapped in a burning box car near Greeley, Colorado; nine roasted to death and seven severely burned.—Destructive storms in Illinois and Indiana. 30.—Contractor Achuff charges Agent Addis, of Philadelphia Committee of 100, with blackmail. 31.—Rioting in Hocking Valley mining district, Ohio.

September, 1884.

1.—Great labor demonstration in New-York City; 20,000 workingmen in line.—State elections in Arkansas.—Exchange system abolished by Philadelphia Traction

Company. 2.—Opening of the Electrical Exhibition at Philadelphia.—State elections in Vermont.—Death at Providence, R. I., of U. S. Senator H. B. Anthony. 4.—Death at Geneva, N. Y. of Secretary of the Treasury Folger.—James McManes elected Gas Trustee by Philadelphia Select Council. 5.—Ninety acre cave-in at Enterprise Colliery, Wilkes-Barre, Pa. 6.—Death at Philadelphia of Prof. R. E. Rogers, of Jefferson Medical College, 7.—Extensive conflagration at Cleveland, O.—Coal mine lighted by electricity at Shenandoah, Pa. 8.—Pennsylvania State Fair opens at Philadelphia.—State election in Maine.—Suspension of First National Bank of New Brunswick, N. J., and suicide of Mahlon Runyon, its president.—Opening of National Conference of Electricians at Philadelphia. 9.—Cholera scourge raging in Naples, Italy.—Torrid wave; highest temperature at Philadelphia, 94°. 10.—Elopement from Yonkers, N. Y., of Victoria Morosini with Ernest Shelling-Huelskamp, Mr. Morosini's coachman.—Town or Clear Lake, Wis., wrecked by a cyclone.—Montgomery County centennial celebration at Norristown, Pa. 11.—Unprecedented floods in Wisconsin on Chippewa and Eau Claire Rivers.—Close of meeting in Philadelphia of American Association for the advancement of Science. 12.—Tammany Hall endorses Cleveland's nomination, —Missing Ladner brothers, absconding bankers, arrested in Hoboken, N. J., and brought to Philadelphia. 15.—Destruction by fire of J. W. Boughton's wood carpet mill, Philadelphia; loss $50,000. 17.—French Troops defeat Chinese on Min River with heavy loss. 18.—Unveiling in Philadelphia of Gen. John F. Reynolds' equestrian statue. 19.—Earthquake shocks in Ohio, Indiana, Michigan, Iowa and Ontario.—Collision on Philadelphia & Atlantic City Railroad; eight injured. 20.—Burning of Rogers' carriage factory, 1007 Chestnut Street, Philadelphia; loss $40,000.—Schuylkill Valley railroad opened to Pottstown. 21.—$200,000 fire at Cleveland, Ohio. 23.—Visit to Philadelphia of J. G. Blaine; 16,787 Republicans parade.—British gunboat *Wasp* wrecked off northwest coast of Ireland; 52 lives lost. 25.—W. Q. Gresham, Postmaster-General, appointed Secretary of the Treasury. 26.—RECORD sales begin of coal at $5.75 a ton.—Death at Baltimore of John W. Garrett, President of Baltimore & Ohio Railroad. 27.—John Tomney shot and killed at Third and Monroe Streets, Philadelphia, by John Sullivan, U. S. seaman. 29.—John Teemer defeats Wallace Ross in a five mile boat race, Ross having five seconds start.

October, 1884.

1.—State election in Georgia; no opposition to Democratic nominees.—Will of John W. Garrett filed in Probate Court at Baltimore.—Opening of Philadelphia Cricket Club's new ground at Wissahickon. 2.—Sudden death from apoplexy of F. S. Chanfrau, actor, at Jersey City, N. J. 3.—Partnership of Fleishman & Hall in Walnut Street Theatre management dissolved, Mr. Hall retiring. 4.—Great inundations and enormous damage to property reported in the Argentine Republic, S. A. 5.—Destruction by fire of Heacock's storage warehouse, Philadelphia; loss $500,000. 6.—Pennsylvania Railroad gives notice that B. & O. passenger cars will not be hauled to Philadelphia.—Death of ex-Sheriff Henry C. Howell, of Philadelphia.—Trial trip to New-York of the new Government dispatch-boat *Dolphin*.—French troops defeat Chinese in Loo Chuan Valley, Tonquin. 7.—John R. McLean, of Cincinnati, married at Washington to Emily T. Beale.—Three thousand men locked out of rolling mills at Pittsburg for resisting a 12½ per cent. reduction.—All Philadelphia defeats all United States in a three-day cricket match, winning by three wickets.—Mrs. Augusta Zemm shot and killed at Fifth and Willow Streets, by Richard Treuke. 8.—Twenty-seven persons killed and over 400 wounded by a cyclone at Catania, Sicily.—Cholera panic among the Madrid, Spain, aristocracy.—Pittsburg stove moulders accept a 15 per cent. reduction, after a strike lasting nine months.—John A. Logan speaks at the Philadelphia Academy of Music. 9.—Launch at John Roach's shipyard of the cruiser *Atlanta*.—Buckley Hayes killed at Public Buildings by falling sixty-five feet down a flue. 10.—Chinese defeated in Tonquin by French troops, losing 3,000 men. 11.—Two dynamite explosions at the new Parliament Buildings, Quebec, cause serious damage.—Close of the Philadelphia Electrical Exhibition. 12.—Christie oil well struck in Butler County, Pa.; flowed 208 barrels an hour. 13.—Dominick McCaffrey defeats Charles Mitchell in a glove fight at New-York City.—Railway collision at Bridge Avenue and Third Street, Camden; engineer and fireman killed. 14.—State elections in Ohio and West Virginia. —Frank Hatton appointed Postmaster-General by President Arthur.—International prime meridian conference at Washington. 15.—American Line steamers sold to Red Star Line.—French troops defeated by Chinese at Tamsui, Tonquin. 16.—Fatal shooting, near Germantown Junction of Fred. T. Nash by D. E. Stanton, who escaped. 17.—Four-fifths of Barnesville, Ga., destroyed by fire.—Presbyterian Synod of Pennsylvania meets in Philadelphia. 18.—W. H. Vanderbilt gives $500,000 to N. Y. College of Physicians and Surgeons.—Death at Boston of Jas. Wormley, of Wormley's Hotel, Washington.—Senator Pendleton speaks at Philadelphia Academy of Music. 19.—Fierce forest fires raging in New-Jersey. 20.—Two hundred houses burned in Carthage, New-York. 22.—Wm. N. Hirst, Democratic nominee for Controller of Philadelphia, withdraws from the ticket. 23.—First snow of the season at Cleveland, O., and Harrisburg, Pa.—Annie Logan, 30, suffocates herself and three-year-old child at 1,208 Callowhill Street, Philadelphia. 24.—Howard Sullivan, murderer of Ella Watson, sentenced to death in Salem County, N. J.—Suicide of Jas. L. Clayton, 18, after shooting J. S. Barker, 17, at Seventh and Brown Streets, Philadelphia.—Steamer *Maasdam* burned at sea; passengers and crew all saved. 25.—Suspension of publication by the Baltimore *Day*. 26.—Celebration of centenary anniversary of Sir Moses Montefiore.—Teemer and Gaudaur row a three mile dead heat at Creve Coeur Lake.—Monster Radical demonstration against the House of Lords, in Hyde Park, London. 27.—R. P. Dechert selected as Democratic candidate for City Controller in place of W. N. Hirst, resigned.—Armstrong oil well, Butler County, torpedoed, and produces 33

barrels an hour; over 8,000 the first day.—Death at Chicago of W. F. Storey, proprietor of the *Chicago Times*.—Explosion of fire damp at Youngstown Coke Works, near Uniontown, Pa., kills fourteen men and injures seven. 28.—The "Scott Liquor Law," of Ohio, declared unconstitutional by the Supreme Court of that State.—Hugh McCulloch appointed Secretary of the Treasury, and W. Q. Gresham Judge of Seventh U. S. Circuit.—Fitz John Porter appointed Police Commissioner of New-York City.—Suicide near Gray's Ferry bridge of Edwin Eager, aged 16. 29.—Banquet to J. G. Blaine, in New-York City, given by wealthy citizens.—Sewer gas explosion in electric wire conduit on Chestnut Street, Philadelphia.—Meeting in London, Eng., on behalf of the Tichborne claimant. 30.—W. C. Rhinelander, of New-York, who shot his lawyer, Drake, June 19, declared sane and released on bail.

November, 1884.

1.—Panic from a false alarm of fire at the Star Theatre, Glasgow; sixteen killed and twelve injured.—Att'y General Miller, of Manitoba, burned in effigy at Winnipeg for ordering the flogging of a convict. 2.—Gaudaur beats Teemer at Creve Coeur Lake, in 20 minutes 24 seconds, three mile race; collusion alleged, and all bets declared off. 3.—Wm. Jones, acquitted at Washington, of the charge of assault on Chas. J. Guiteau, Nov. 19, 1881. 4.—General election day; Grover Cleveland elected President, and Thos. A. Hendricks Vice-President.—Harry Schrandt, aged 16, fatally shot at Sixth Street and Girard Avenue, Philadelphia, by Isaac Fox. 5.—Intense excitement over election returns; streets crowded with boisterous partisans. 6.—Excitement over election returns continues; Jay Gould telegraphs congratulations to Gov. Cleveland.—Seven men killed and five injured by explosion of dynamite works near Stouchsburg, Pa.—Death at London of Henry Fawcett, British Postmaster-General. 7.—Election excitement subsides at night-fall.—Fire at Palatka, Fla.; loss $800,000.—$35,000 fire at 814 and 816 Swanson Street, Philadelphia. 8.—Successful trip in France by navigable balloon of Capts. Renard and Krebs, from Mendon to Bellancourt and return.—W. H. Vanderbilt sends congratulatory letter to Gov. Cleveland.—Marquis de Caux granted absolute divorce at Paris from Mme. Patti. 9.—Opening session at Baltimore of third Plenary Council of the Roman Catholic Church of America.—Guests deserting hotels in Paris because of cholera epidemic. 10.—John L. Sullivan defeats J. M. Laflin in a glove contest in New-York City.—Nine new Cardinals created at Rome by Pope Leo.—Strike of 116 weavers at Clark & Keen's worsted mills, Philadelphia, against a 10 per cent. reduction.—Prof. Henry Leffman appointed Port Physician.—Gov. Pattison issues Thanksgiving proclamation. 11.—Maud S. lowers the mile trotting record to 2.09¼. 13.—Unveiling at Freehold, N. J., of the Monmouth Battle monument.—Earthquake shocks in New Hampshire. 14.—Death at Philadelphia of Eli K. Price, Esq.; at Gettysburg, of Congressman Wm. A. Duncan.—Philadelphia business men recommend increase of Chief Engineer Ludlow's salary to $10,000. 15.—Parade of Philadelphia Democracy in celebration of Cleveland's election.—E. C. Knight & Co.'s sugar refinery shuts down. 17.—Meeting at St. Louis of the Cattlemen's Convention.—Formal opening of New-York, Philadelphia & Norfolk Railroad. 18.—Blaine serenaded at Augusta, Me.—Marriage of Carrie Astor to M. O. Wilson in New-York City.—Sudden death of Prison Agent Charles Heritage, of Philadelphia. 19.—M. H. De Young shot in San Francisco *Chronicle* office by Adolph Spreckels.—Grounding of steamer *Guadaloupe* off Barnegat. 20.—U. S. dispatch boat *Dolphin* breaks down on her trial trip. 21.—Strike of Philadelphia carpet-weavers against a reduction of wages. 22.—Earthquake shocks in Peru and in Canada. 23.—Furious gale in Philadelphia and throughout the country. 24.—Celebration at St. George Hotel, Philadelphia, of F. H. Siddalls' silver wedding. 25.—P. & R. R. R. passes N. J. Central dividend.—Crematorium dedicated at Lancaster, Pa. 27.—At Paris, Mme. Hugues shoots and kills M. Morin, Commission Agent at Palais de Justice. 28.—Death at Lancaster, Pa., of ex-State Attorney-General Thos. E. Franklin.

TO PRESERVE STONE AND BRICK FROM DISSOLUTION.

Professor R. Ogden Doremus says: "The only method that I am familiar with for preserving our noble buildings of sandstone and marble from dissolution by means of water and gases and those of brick from the white efflorescence which disfigures and injures them, is to saturate the surface with melted paraffine. The substance is like wax. It is obtained from coal tar and petroleum. Our carboys of sulphuric acid are often closed with a stopper of paraffine, for this king of acids has no effect on it. In the same way our powerful alkalies, potash and soda, are inclosed in bottles, the necks and stoppers of which are coated with paraffine, on which the alkalies do not act. It is also unaffected by water. It has been applied extensively in St. Louis, and to some extent in New-York, to buildings, and has been found in all cases to preserve the structures from decay and to drive away malignant diseases. The method of applying it is very simple. The outside of the building is heated by a small charcoal furnace and the paraffine is then applied in a melted condition. It sinks into the stone or brick about a quarter of an inch, rendering the material absolutely waterproof and airtight. It costs on an average about 50 cents a square yard and never needs to be renewed, as no chemical agent in the air or rain ever affects it. It absolutely counteracts the destructive agencies of air and water, and so far as I know it is the only substance that will do this without altering the appearance of the stone."

HOUSEHOLD SURGERY.

Whether you have a medicine chest in the house or not, there are several handy articles which should always be kept ready in a clean drawer in case of emergency. A little case containing a pair of ordinary surgical lancets of the old-fashioned bleeding pattern, surgical scissors, pins, needles and thread—these are all the instruments required. Appliances will include one or two bandages, some lint and oiled silk, a bit of caustic silver in a case, and some strips of adhesive plaster. There should be a stimulant lotion, an eye lotion, a liniment for sprains, stiffness in joints, etc., and one or two kinds of ointment.

Poultices are handy to allay inflammation and to soothe pain. They are invaluable in swelling about the throat, in whitlows, abscesses, etc. A small bottle of turpentine and one of carron oil should also find a place in the family surgical drawer.

The lancets will be sometimes required to open small abscesses or gum-boils. Large swellings containing matter had better be seen to by the family physician.

When a gum-boil needs to be opened the lancet should be rolled round with a piece of rag to within about half an inch of the point. It may then be freely used at that part of the boil which is softest. After a gum-boil has been opened gentle pressure is needed to squeeze out the matter, and the mouth should be well rinsed with hot water.

Pins and needles and thread should be in the surgical drawer, in order that they may be always ready at hand. The pins should be of different sizes; they are handy for fastening bandages, etc. The thread should be strong and white, and the needles of a fair size, needles with good, honest eyes in their heads, needles that even a man can thread.

As to bandages, they can either be bought or made. For economy's sake they should be made, and for this purpose old linen of any kind can be washed and utilized. Tear it into strips and sew it neatly together. The bandages may be of two or even three different breadths, one about one and a half inches for finger purposes, another about two inches, and a third about three. These are called roller bandages. There are also various forms of tailed bandages, for application to the scalp, for instance, and to parts of the body to which a roller bandage is not suited. The shapes of these will suggest themselves to a person of sense. The scalp bandage is a broad one, with four tails; this being laid upon the head and brow; the two foremost tails are carried backward behind the head, crossed on the back of the neck, brought around and tied under the chin, while the two hindermost tails are brought forward and tied under the chin. In bandaging a leg the art lies in keeping the bandage flat, smooth and moderately tight. Lay the end along the instep first toward the toes, and bandage from the toes, including all the foot except the heel, then swath the ankles, and so upward as far as the knee or above it. In ascending the calf of the leg at every turn the bandage should be plaited half back over itself. This is not absolutely necessary, for, having bandaged the lower half of the leg, you may carry the roller right away up to under the knee and turn there, and so on down again to whatever position the bandage is found to lie best and flatest in.

Charpie is made by stretching or holding strips of old linen very tightly and scraping it with a rough knife. Charpie is a useful application to wounds, and may take the place of lint, but after all it is not so handy; it does not lie so flat, and you cannot spread ointment very well on it.

In cases of sores that we wish to take on a kindly healing action, or those that need stimulating or soothing, water-dressing is invaluable. It is very simple and easy of application. You have only to dip a piece of lint in clean cold water, to which probably a few drops of pure carbolic acid have been added, then apply it to the sore, which it must more than cover. A piece of oiled silk is then applied over the lint to retain its moisture, and the whole is kept in position by means of a retaining bandage.

Water-dressing is also applied to wounds after they have been properly strapped, and it may sometimes take the place of a poultice for swellings which we want to soothe and reduce.

The morsel of lunar-caustic in a case can be bought at a drug store for a few cents. It is used to cauterize dog, or cat, or skunk bites, and also scratches that may be supposed poisonous. Hydrophobia is much more likely to be caused by a skunk than a dog bite. Cats' bites are usually more dangerous than dogs; that is, they are more apt to fester, and take longer to heal, the reason being simply this: a cat's tooth makes a punctured wound; a dog's, a more open one.

Adhesive plaster comes in handy. It ought to be the best procurable, and, instead of keeping it in a roll in the drawer, it ought to be cut up into strips of different breadths. It is thus ready for immediate use, and there is no chance of its sticking together, as it does if kept in bulk.

When it is necessary to use this plaster to keep the edges of a wound together, we must be careful, first and foremost, to see that the wound is perfectly clean, and no sand, glass or grit in it, which would cause festering and prevent it from healing.

Never cover a wound wholly up with a piece of plaster; whatever be its size, use long, narrow strips. Warm the plaster by holding the back of it against a can of boiling water for a few seconds, then apply it across the wound, leaving a small space between each strip to give exit to the lymph. Remember, that sticking-plaster has no healing action in itself; the benefits derived from its use are of a purely mechanical nature. Clean cuts are better bound up with the blood, simply with a linen rag, for sticking-plaster is no use until the bleeding stops. In cases of scalp wounds the hair must be shaved off before the plaster is applied.

A grain or two of nitrate of silver in an ounce of distilled water makes a very good stimulating lotion for wounds or sores that need such an application; but if they are healing kindly, with even, white edges and not much exudation, they do not want stimulating.

Languid, indolent sores and flabby ulcers want a stimulating lotion applied with lint, after the manner of water-dressing, and the support of a bandage. The healing of ulcers depends in a very great measure upon the

state of the constitution. The blood must be strengthened by good food, else the sore will not heal. It cannot heal unless you supply it with flesh-forming material, and this material must come from the blood. But, in addition to the enrichment of the blood, if the ulcer be in the leg, this must be kept up as much as possible and bandaged firmly, but not too tightly, from the toes upward.

Four or five grains of powdered alum or sulphate of zinc to the ounce of water make another handy stimulating lotion. Goulard water is easily made; simply add a teaspoonful of sugar of lead to a pint of water; it is rendered more cooling by the addition of spirits of wine. It is an excellent application for painful swellings.

For wry or stiff neck, or in cases where you wish to redden the surface in order to relieve internal swelling or pain, a mixture of one part hartshorn to two of olive oil is a capital liniment. Rub well in.

Carron oil is a mixture of lime water and olive oil, and has been in repute for centuries as an application to burns. There is nothing better, however, for instantaneously taking the heat out of a burn, where the surface is not broken, than turpentine. Soak the part well with it for a minute or two. The relief is magical.

In cases of local inflammation of any kind, poultices form the best application possible. They are of many different kinds. The simplest are made of oatmeal, linseed meal, or bread and water. The oatmeal poultice is, to speak plainly, just porridge without salt. The linseed poultice is made by stirring the meal into boiling water gradually, and working it up well until a proper consistency is obtained. The bread-and-water poultice is made by pouring boiling water over pieces of stale bread, covering up with a plate for a short time, draining off the water. Charcoal may be added to this, if thought desirable, which it might be in cases of degenerate ulcers.

Carrots and turnips are sometimes made into poultices, and are very soothing.

Onion poultice is made by mashing up half-roasted onions and spreading them on a rag. It is a favorite application with some for colds in the chest. If the chest be previously reddened by rubbing with a little warm turpentine the effect will be better, but on no account should it be applied to an abraded surface.

The use of mustard cataplasm is very well known. In pains in the chest from colds it is of great service, and also in cases of dyspepsia and pains in the stomach, with retching and vomiting.

Poultices to the neck for sore throat and glandular swellings of a painful kind do good; but if you begin with them you must keep on changing them, or more harm than good will result. Finally, remember what Dr. Abernethy said about poultices: "They are either blessings or curses, according to whether they be well or badly made."

THE NEW POST-OFFICE AND COURT-HOUSE.

The magnificent new post-office and Court-House building fronting on Chestnut, Ninth and Market Streets, is the largest structure of its kind in the United States. It is one of the features of the city, and attracts hundreds of visitors daily. It was begun on October 11, 1873, and the last stone was set July 23, 1883. On the 24th of March, 1884, the business of the Post-office was first transacted within its walls. The building is of granite, the basement from the Old Dominion quarries, and the remainder from those at Dix Island, on the coast of Maine. At the latter place all the granite blocks were cut and marked, and sent here to be put in place. The entire work of setting the stones was performed by George Watson, except during one season, when he had an assistant. The building has a front on Chestnut Street of 175 feet 9 inches: on Ninth Street, of 484 feet; and on Market Street, of 175 feet 1 inch. The dome is 170 feet above the curb line. The foundation stones are two feet in thickness and rest upon concrete. The building was designed during the administration of A. B. Mullett, as Supervising Architect of the Treasury Department, and was erected under the care of John McArthur, Jr., as Superintendent, and A. M. Smedley, as assistant. The postmasters of the city beginning with Gen. H. H. Bingham, and ending with Gen. H. S. Huidekoper, acted as disbursing agents of the fund for the erection of the structure, and its cost, complete, was about $8,000,000. In addition to the Post-office, there are in the edifice the U. S. District and Circuit Court rooms, the U. S. Marshal's office, the U. S. District Attorney, Internal Revenue office, Pension office, Navy Pay Office, Railway Postal Clerks, U. S. Sub-Treasury, Lighthouse Board, Signal Service Station, Postal Inspectors, Bank Examiner, Secret Service Agents, and a few minor United States officials.

The post-office department occupies the entire first floor, and has about 800 employés. The business transacted in a twelvemonth by the clerks is really astonishing. The office stands at the head of the list of all in the United States in regard to the small number of errors in proportion to the number of pieces handled. It is estimated that during the fiscal year ending June 30, 1884, there were mailed at the Philadelphia office the enormous number of 218,342,678 pieces, including letters, cards, circulars, etc. There is but one other office that exceeds it in the volume of business (New-York), while Chicago follows this city as third in the list. The local delivery, or carriers' department, is especially noted for the efficiency of its service, and during the last fiscal year ending June 30th the same 400 men delivered and collected 31,761,476 mail letters, 22,681,591 local letters, 9,324,302 mail postal cards, and 10,231,416 local postal cards; 12,097,472 mail newspapers, books, circulars, packages, etc., and 11,107,115 local newspapers, books, circulars, packages, etc., and also collected alone 47,518,168 letters, 16,386,697 postal cards and 10,262,000 newspapers, books, circulars, etc. The registered letters delivered numbered 189,059.

Nearly 100 persons are required to guard and cleanse the building and take care of the offices in it. It is furnished throughout with solid mahogany, and over 4,000 yards of carpet are required for it.

ELECTORAL VOTE FOR THREE PRESIDENTS.

The following table gives the Electoral Vote of 1876, 1880 and 1884:

States.	1884.		1880.		1876.		States.	1884.		1880.		1876.	
	Cleveland.	Blaine.	Garfield.	Hancock.	Tilden.	Hayes.		Cleveland.	Blaine.	Garfield.	Hancock.	Tilden.	Hayes.
Alabama	10	....	....	10	10	....	Missouri	16	....	....	15	15	....
Arkansas	7	....	....	6	6	....	Nebraska	....	5	3	....	....	3
California	....	8	1	5	....	6	Nevada	....	3	....	3	....	3
Colorado	....	3	3	....	....	3	New Hampshire	....	4	5	....	....	5
Connecticut	6	....	6	....	6	....	New Jersey	9	....	....	9	9	....
Delaware	3	....	....	3	3	....	New-York	36	....	35	....	35	....
Florida	4	....	....	4	....	4	North Carolina	11	....	....	10	10	....
Georgia	12	....	....	11	11	....	Ohio	....	23	22	....	....	22
Illinois	....	22	21	....	....	21	Oregon	....	3	3	....	....	3
Indiana	15	....	15	....	15	....	Pennsylvania	....	30	29	....	....	29
Iowa	....	13	11	....	....	11	Rhode Island	....	4	4	....	....	4
Kansas	....	9	5	....	....	5	South Carolina	9	....	....	7	....	7
Kentucky	13	....	....	12	12	....	Tennessee	12	....	....	12	12	....
Louisiana	8	....	....	8	....	8	Texas	13	....	....	8	8	....
Maine	....	6	7	....	....	7	Vermont	....	4	5	....	....	5
Maryland	8	....	....	8	8	....	Virginia	12	....	....	11	11	....
Massachusetts	....	14	13	....	....	13	West Virginia	6	....	....	5	5	....
Michigan	....	13	11	....	....	11	Wisconsin	....	11	10	....	....	10
Minnesota	....	7	5	....	....	5	Totals	219	182	214	155	184	185
Mississippi	9	....	....	8	8	....							

DAILY CIRCULATION OF "THE PHILADELPHIA RECORD"

FOR THE YEAR ENDED APRIL 30, 1884.

City of Philadelphia, ss.—Personally appeared before me, the subscriber, RICHARD J. LENNON, Magistrate of Court No. 9, of the said city, WILLIAM M. SINGERLY, publisher and proprietor of THE PHILADELPHIA RECORD, who, being duly sworn according to law, doth depose and say that the actual number of copies of the paper named printed during the year ended April 30, 1884, was as follows:

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
1	100,206	102,323	*33,543	106,705	117,041	107,928	105,114	111,610	97,481	102,977	110,992	105,67
2	100,820	111,802	103,208	107,225	*34,283	106,331	104,546	*33,913	102,629	110,093	*33,593	105,491
3	101,096	*32,711	105,535	106,684	107,200	108,394	113,169	103,480	102,646	*33,587	103,218	105,77
4	100,963	101,798	98,195	114,837	106,898	107,898	*33,780	103,023	102,463	102,727	103,782	106,07
5	103,731	102,260	105,051	*33,930	103,678	107,710	104,839	103,600	110,515	103,305	104,782	114,29
6	*32,314	102,480	105,646	106,530	107,875	116,782	104,381	103,718	*33,572	103,695	103,996	*33,37
7	100,836	102,304	112,027	107,198	108,986	*34,193	112,414	103,639	102,658	103,550	105,483	105,84
8	101,635	101,947	*33,505	107,508	117,705	107,293	104,690	111,531	102,714	103,130	111,134	106,07
9	101,585	110,356	104,047	107,660	*34,237	107,575	104,887	*33,376	102,803	110,136	*33,582	105,88
10	101,298	*32,744	105,232	108,370	107,727	109,963	113,991	103,469	102,886	*33,529	104,610	106,21
11	100,992	100,845	105,655	116,959	107,974	108,111	*33,770	103,739	103,154	102,687	105,383	105,24
12	111,280	101,701	104,963	*35,184	107,772	108,206	104,450	103,570	110,427	103,977	105,321	114,59
13	*32,477	102,370	105,179	107,787	107,514	116,629	104,008	103,325	*33,483	104,050	105,112	*33,36
14	100,549	101,714	112,544	107,891	108,762	*34,113	104,153	103,114	103,118	103,879	104,500	105,30
15	100,964	102,718	*33,562	107,727	117,702	107,007	105,912	110,828	103,566	104,065	111,790	106,00
16	101,474	110,270	105,028	106,071	*34,291	106,703	103,884	*33,118	103,098	110,499	*33,373	106,12
17	101,519	*32,941	105,833	106,993	107,611	106,816	110,888	103,519	103,272	*33,583	104,862	106,23
18	101,799	101,780	105,669	117,198	107,905	105,992	*33,816	103,106	103,176	104,301	105,259	106,22
19	109,213	101,759	106,185	*34,738	108,566	106,724	103,621	103,424	110,292	104,446	105,387	114,84
20	*32,404	103,034	105,634	107,073	108,079	115,940	103,239	103 325	*33,380	117,324	105,498	*33,37
21	101,233	103,161	114,253	107,140	108,908	*34,258	103,338	103,304	103,154	104,789	105,230	109,95
22	100,772	103,571	*33,620	107,542	117,792	106,363	103,652	110,368	103,189	104,649	114,003	106,73
23	101,878	112,319	105,251	107,771	*35,116	106,165	103,251	*34,318	103,550	110,603	*33,381	107,05
24	101,776	*33,107	105,372	107,563	107,992	105,328	111,533	101,200	103,582	*33,590	104,679	106,80
25	102,077	103,346	106,805	116,585	108,890	106,268	*33,827	97,377	103,859	103,912	105,897	107,15
26	111,536	103,980	105,919	*34,730	103,091	105,415	103,334	103,138	110,296	104,605	105,447	115,56
27	*32,428	104,508	105,747	106,408	108 207	114,946	103,633	102,567	*33,321	105,338	105,557	*33,56
28	101,614	103,816	115,298	107,142	109,003	*34,117	103,847	102,681	103,283	103,326	105,012	106,73
29	101,509	104,731	*33,840	107,694	117,260	105,005	100,250	110,127	103,737	103,619	116,064	107,13
30	99,430	112,425	106,177	107,011	*34,523	105,045	103,592	*33,313	103,336		*33,527	106,64
31	101,290		106,673	107,430		105,640		102.486	102,746		104,923	

TOTALS FOR EACH MONTH.—May, 2,898,698; June, 2,844,821; July, 2,935,226; August, 3,071,274; September, 3,922,588; October, 3,058,863; November, 2,879,812; December, 2,883,306; January, 2,942,389; February, 2,769,951; March, 2,933,358; April, 2,933,346.

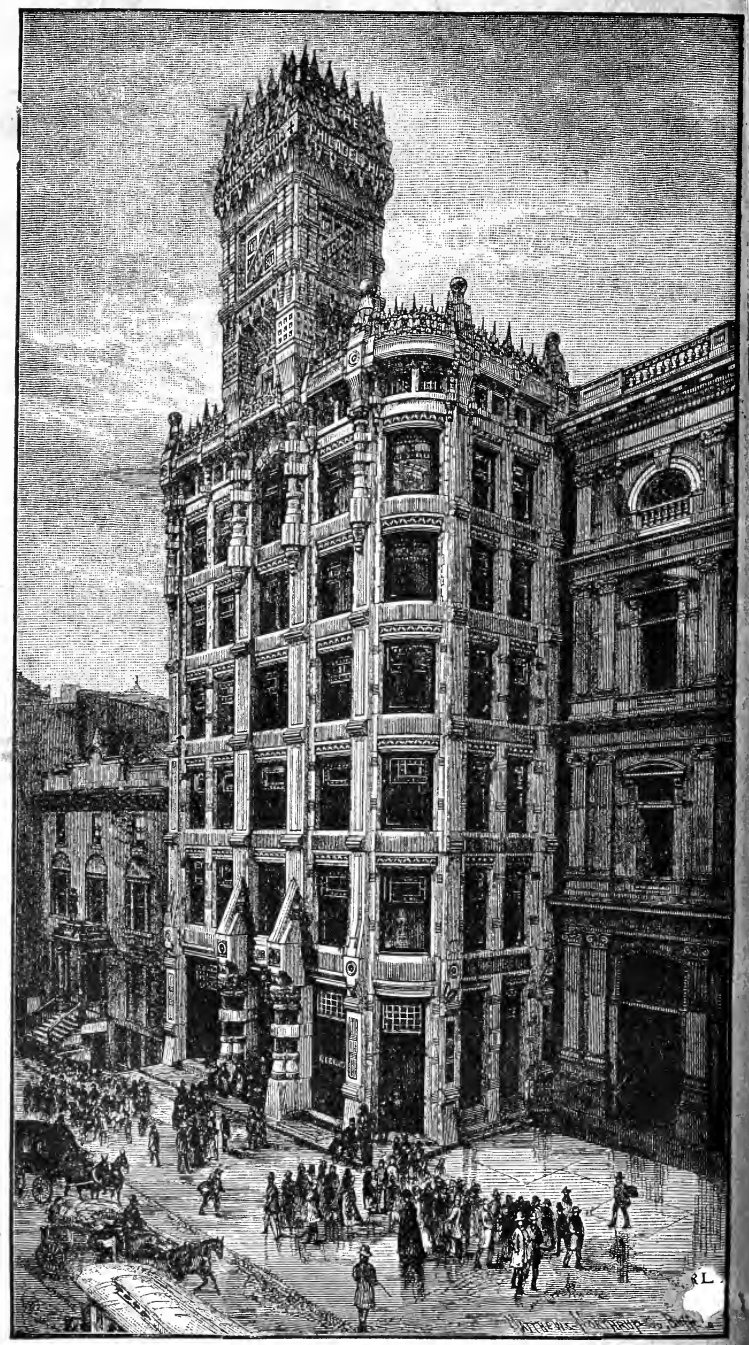
Total for 314 weekday issues.....33,323,317
Daily average for year..... 106,125
Total Sunday circulation..... 1,749,315
Average Sunday circulation (52 days)..... 33,640
Total of all issues for year.....35,072,632

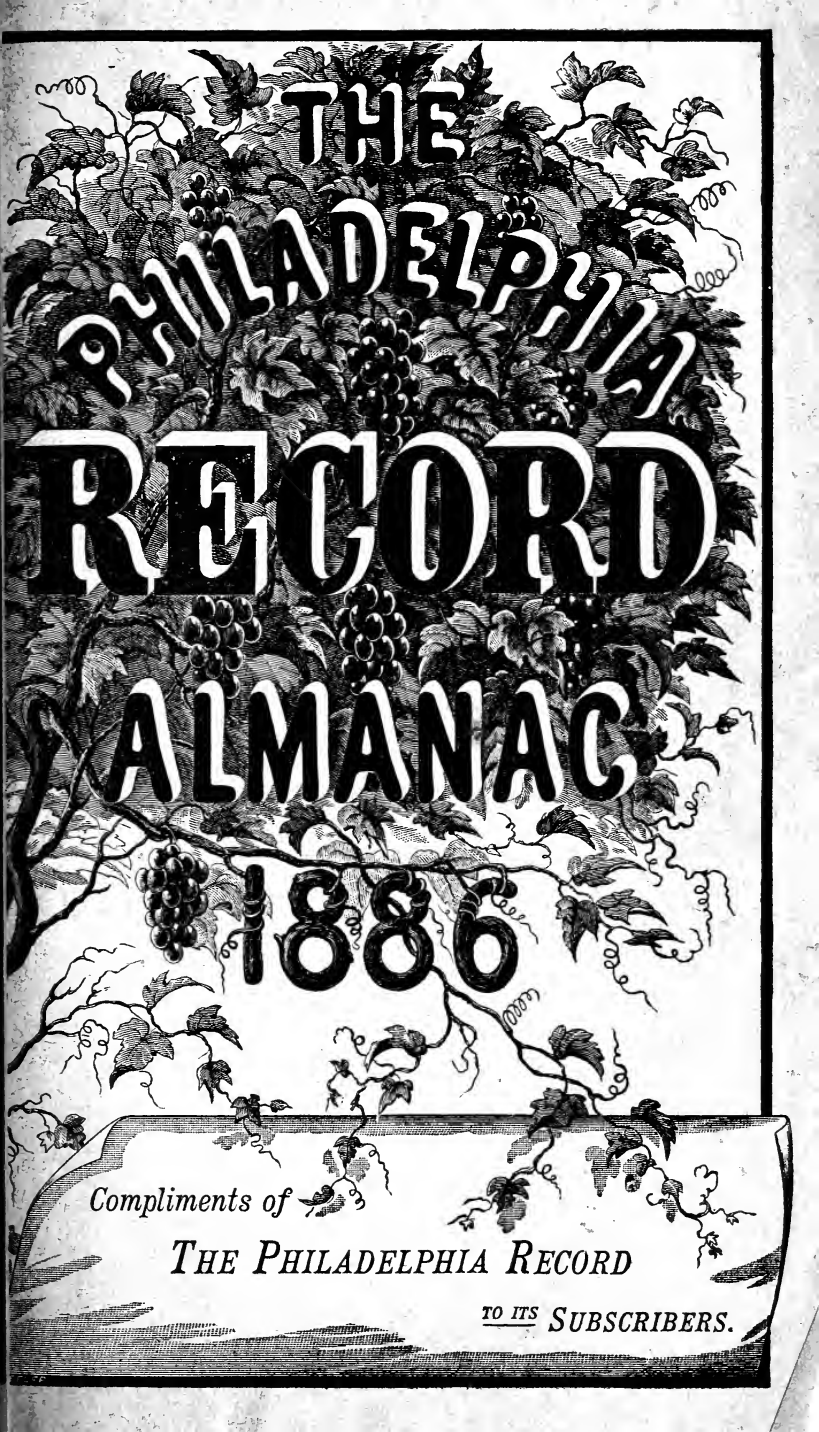
* Sunday.

WILLIAM M. SINGERLY.

Sworn and subscribed before me this 30th day of April, A. D. 1884.

Office, 36 S. Seventh Street. RICHARD J. LENNON, Magistrate of Court No. 9.




THE
PHILADELPHIA
RECORD
ALMANAC
1886
Compliments of
THE PHILADELPHIA RECORD
TO ITS SUBSCRIBERS.

Calendar, 1886.

JANUARY.

S	M	T	W	T	F	S
....	....	....	....	....	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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31	....	....	....	....	....	....
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FEBRUARY.

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MARCH.

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APRIL.

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MAY.

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JUNE.

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27	28	29	30	....	....	....
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JULY.

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AUGUST.

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SEPTEMBER.

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OCTOBER.

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NOVEMBER.

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28	29	30	....	....	....	....
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DECEMBER.

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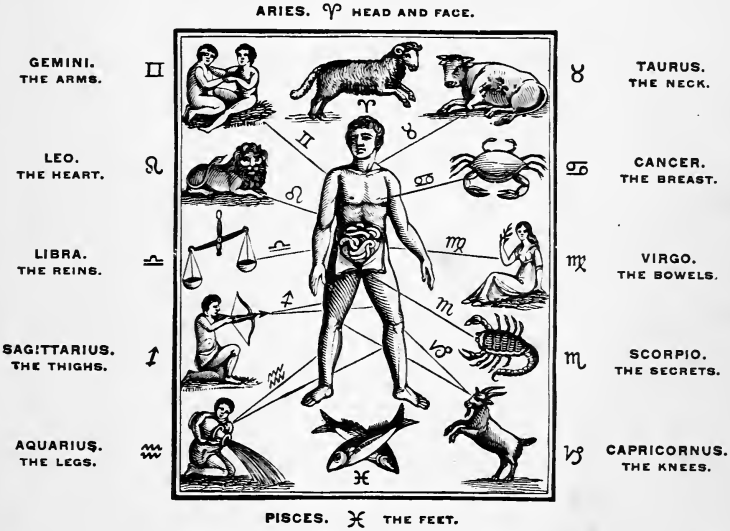
19	20	21	22	23	24	25
26	27	28	29	30	31	....
....	....	....	....	....	....	....

The

Philadelphia Record

Almanac



1886

PUBLISHED BY

The Philadelphia Record.

1886.

THE ARTISTS.

THE

PHILADELPHIA RECORD.

THE RECORD is the pioneer newspaper in the United States in publishing from day to day the current news, local and general, for a price which places it within the reach of everybody. It has many imitators, but has no equal.

THE RECORD is published every day, and sent, postage free, to any part of the United States, for Four Dollars per year, payable in advance. Exclusive of the Sunday issue the price is Three Dollars per year, or thirty cents per month.

To subscribers in Philadelphia or its suburbs THE Record is delivered at eight cents per week; or without the SUNDAY RECORD at six cents per week, payable to the carrier.

The Saturday RECORD or the SUNDAY RECORD will be sent by mail, separately, to subscribers for One Dollar per year, free of postage.

THE RECORD contains the Associated Press news from all parts of the world, and special correspondence from every important point. Full market reports, both foreign and domestic, are a specialty. Able financial articles, correct local reports and fearless editorials on important topics are features of the paper.

On Saturday a double sheet is published, and on that day columns are devoted to agriculture, science, household knowledge, the fashions, sports, and other valuable and interesting reading matter.

In addition to accurate reports of occurrences, local, domestic and foreign, the SUNDAY RECORD gives prominence to sporting events and dramatic matters.

The circulation of THE RECORD (exceeding that of any of its daily contemporaries, and larger than that of any other newspaper in the United States with the exception of the *New York World*) makes it an exceptionally valuable medium for advertising. As a matter of business fairness and propriety, it publishes for the benefit of advertisers a daily statement of its circulation, so that the wayfarer, though a fool, need not make any mistakes.

THE RECORD makes its own paper; is printed in its own office; and has in use four of Hoe's Perfecting Presses with the latest improvements, capable of turning out 100,000 folded papers every hour. It is in every sense a complete, an independent, and a prosperous journal.

Address all communications to

THE PHILADELPHIA RECORD,

917 and 919 Chestnut Street.

RECORD ALMANAC.

ECLIPSES, 1886.

In the year 1886 there will be two Eclipses, both of the Sun.

I. An Annular Eclipse of the Sun, March 5. Visible to the United States, West of the Susquehanna River, to Central America, Eastern Australia, and the Pacific Ocean.—Being annular along a line drawn through Tampico and Guadalaxara, Mexico, extending West to the Island of New Guinea.—Elsewhere the Eclipse will be partial.—Occurring, *in standard time*, as follows:—

	STANDARD.	BEGINS.	ENDS.	DIGITS ECLIPSED.
Philadelphia, Pa.	Eastern.	Invisible.	Invisible.	—
Pittsburgh, Pa.	"	5h. 56m. P. M.	After Sunset.	2
Baltimore, Md.	"	5h. 57m. P. M.	" "	Barely visible.
Richmond, Va.	"	5h. 56m. P. M.	" "	1
Lynchburg, Va.	"	5h. 56m. P. M.	" "	2
Washington, D. C.	"	5h. 57m. P. M.	" "	Slight.
Louisville, Ky.	Central.	4h. 55m. P. M.	" "	4
Cleveland, Ohio	"	4h. 56m. P. M.	" "	2
Columbus, Ohio	"	4h. 56m. P. M.	" "	3
Cincinnati, Ohio.	"	4h. 56m. P. M.	" "	3
Indianapolis, Ind.	"	4h. 55m. P. M.	" "	4
Chicago, Ill.	"	4h. 55m. P. M.	" "	4
Springfield, Ill.	"	4h. 54m. P. M.	Middle at Sunset.	6
St. Louis, Mo.	"	4h. 54m. P. M.	" " "	6
Lawrence, Kansas	"	4h. 53m. P. M.	Middle before Sunset.	6

II. A Total Eclipse of the Sun, August 29. Visible to the Southeastern part of the United States, to Central America, the West Indies, the Northern half of South America, Africa, and intervening Atlantic Ocean.—Being total along a line beginning with and drawn through the Northern part of the Isthmus of Panama, the extreme Northern edge of South America, Eastward across the Atlantic Ocean and Africa, and terminating in Madagascar. Elsewhere the Eclipse will be partial. Occurring, *in standard time*, as follows:—

	STANDARD.	BEGINS.	ENDS.	DIGITS ECLIPSED.
Philadelphia, Pa.	Eastern.	6h. 6m. A. M.	6h. 43m. A. M.	1
Pittsburgh, Pa.	"	6h. 11m. A. M.	6h. 40m. A. M.	Slight.
Harrisburg, Pa.	"	6h. 8m. A. M.	6h. 42m. A. M.	1
Trenton, N. J.	"	6h. 7m. A. M.	6h. 43m. A. M.	1
Wilmington, Del.	"	6h. 5m. A. M.	6h. 44m. A. M.	1
Baltimore, Md.	"	6h. 2m. A. M.	6h. 44m. A. M.	1
Richmond, Va.	"	5h. 57m. A. M.	6h. 47m. A. M.	2
Lynchburg, Va.	"	5h. 57m. A. M.	6h. 46m. A. M.	2
Washington, D. C.	"	6h. 1m. A. M.	6h. 44m. A. M.	1
Louisville, Ky.	Central.	Middle after Sunrise.	5h. 42m. A. M.	1
Cleveland, Ohio	"	5h. 20m. A. M.	5h. 35m. A. M.	Simple contact
Columbus, Ohio	"	5h. 10m. A. M.	5h. 39m. A. M.	Slight.
Cincinnati, Ohio.	"	5h. 7m. A. M.	5h. 40m. A. M.	1
Indianapolis, Ind.	"	At Sunrise.	5h. 13m. A. M.	Slight.
Chicago, Ill.	"	Invisible.	Invisible.	—
Springfield, Ill.	"	Before Sunrise.	5h. 35m. A. M.	Barely visible.
St. Louis, Mo.	"	" "	5h. 39m. A. M.	"

PLANETARY CONJUNCTIONS, 1886.

VENUS will be in conjunction with the Sun (inferior), February 18; with Mercury, February 18; with Neptune, June 26; with μ *Geminorum*, July 28; with Saturn, August 8; with *Regulus*, September 11; with Uranus, October 14; with Jupiter, October 22; with the Sun (superior), December 2; with Mercury, December 3.

MARS will be in conjunction with β *Virginis*, June 22; with Jupiter, June 27; with Uranus, July 9.

JUPITER will be in conjunction with Uranus, January 24; with Mars, June 27; with Uranus, August 16; with Mercury, October 3; with the Sun, October 9; with Venus, October 22.

SATURN will be in conjunction with μ *Geminorum*, January 10; with Mercury, June 20; with the Sun, July 3; with Venus, August 8.

URANUS will be in conjunction with Jupiter, January 24; with Mars, July 9; with Jupiter, August 16; with Mercury, September 29; with the Sun, October 1; with Venus, October 14.

NEPTUNE will be in conjunction with the Sun, May 15; with Mercury, May 30; with Venus, June 26.

The Sun is in Apogee, July 2; and in Perigee, January 2, 1887.

CHRONOLOGICAL ERAS, 1886.

The year 1886, which comprises the latter part of the 110th and the beginning of the 111th year of the Independence of the United States of America, corresponds to—
The year 6599 of the Julian Period;
The year 7394–'95 of the Byzantine era, the year 7395 commencing on September 1st;
The year 5646–'47 of the Jewish era, the year 5647 commencing on September 30th, or, more exactly, at sunset of September 29th;
The year 2639 since the foundation of Rome, according to Varro;
The year 2633 since the beginning of the era of Nabonassar, which has been assigned to Wednesday, the 26th of February of the 3967th year of the Julian Period; corresponding, in the notation of chronologists, to the 747th; and, in the notation of astronomers, to the 746th year before the birth of Christ;
The year 2662 of the Olympiads, or the second year of the 666th Olympiad commencing in July, 1886, if we fix the era of the Olympiads at 775½ years before Christ, or near the beginning of July of the year 3938 of the Julian Period;
The year 2198 of the Grecian era, or the era of the Seleucidæ;
The year 1602 of the era of Diocletian;
The year 2546 of the Japanese era, and to the 19th year of the period entitled "Meiji";

The year 1304 of the Mohammedan era, or the era of the Hegira, begins on the 30th day of September, 1886.

The first day of January of the year 1886 is the 2,409,908th day since the commencement of the Julian Period.

MORNING AND EVENING STARS, 1886.

MERCURY will be Morning Star about January 8, May 7, September 2, and December 23; and Evening Star about March 21, July 18, and November 13.

VENUS will be Evening Star till February 18; then Morning Star till December 2; and Evening Star again the rest of the year.

JUPITER will be Morning Star till March 21; then Evening Star till October 9; and Morning Star again the rest of the year.

THE SEASONS, 1886. (Eastern Standard Time.)

Spring begins,	March	20,	11 h. A. M.	Autumn begins,	September	22, 10 h. P. M.
Summer "	June	21,	8 h. A. M.	Winter "	December	21, 4 h. P. M.

PLANETARY OPPOSITIONS, 1886.

MARS will be in opposition to the Sun, March 5, and will shine all night.
JUPITER will be in opposition to the Sun, March 21, and will shine all night.
URANUS will be in opposition to the Sun, March 25, and will shine all night.
NEPTUNE will be in opposition to the Sun, November 18, and will shine all night.

LEGAL HOLIDAYS, 1886.

New Year's Day,	Jan. 1	Independence Day,	July 4
Washington's Birthday,	Feb. 22	Thanksgiving Day (by appointm't),	Nov. 25
Decoration Day,	May 30	Christmas Day,	Dec. 25

PLANETS BRIGHTEST, 1886.

Venus,	January 13 to March 26	Mars,	March 5
		Jupiter,	March 21

TRUE TIME.

In this Almanac, clock or mean-time is used except where otherwise specified. The Sun is seldom on the Meridian at twelve o'clock. In the sixth column of every calendar page is given, to seconds, the time that the Sun souths. This affords a ready means of obtaining correct local mean-time and for setting a clock by use of a properly-made noon mark.

CHRONOLOGICAL CYCLES, 1886.

Dominical Letter,	C	Solar Cycle,	19
Epact	25	Roman Indiction,	14
Lunar Cycle or Golden Number,	6	Julian Period,	6599

FIXED AND MOVABLE FEASTS, &c., 1886.

Epiphany,	Jan. 6	Low Sunday,	May 2
Septuagesima Sunday,	Feb. 21	Rogation Sunday,	May 30
Quinquagesima—Shrove Sunday,	March 7	Ascension Day—Holy Thursday,	June 3
Ash Wednesday,	March 10	Pentecost—Whit Sunday,	June 13
First Sunday in Lent,	March 14	Trinity Sunday,	June 20
St. Patrick,	March 17	St. John Baptist,	June 24
Annunciation,	March 25	Corpus Christi,	June 24
Palm Sunday,	April 18	Michaelmas Day,	Sept. 29
Good Friday,	April 23	First Sunday in Advent,	Nov. 28
Easter Sunday,	April 25	Christmas Day,	Dec. 25

1st Month. JANUARY. 31 Days.

THE CANAL LOCKS AT FAIRMOUNT.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week	Moon's Constellation.	THE SUN. Rises. A. M.	Souths. P. M.	Sets. P. M.	THE MOON. Rises. A. M.	Sets. P. M.	Age.	THE TIDES, PHILADELPHIA. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
1	1	Fri.	♏	7 23	3 59	4 45	3 50	2 23	26	10 46	11 14	5 36	6 5
2	2	Sat.	♏	7 23	4 27	4 46	4 47	3 6	27	11 41	— —	6 33	7 0
3	3	**Sun.**	♏	7 23	4 55	4 47	5 40	3 51	28	0 6	0 29	7 25	7 48
4	4	Mon.	♐	7 23	5 22	4 48	6 29	4 39	29	0 51	1 12	8 10	8 31
5	5	Tue.	♐	7 23	5 49	4 49	7 15	5 30	0	1 32	1 52	8 51	9 11
6	6	Wed.	♑	7 23	6 16	4 50	7 57	6 23	1	2 13	2 34	9 32	9 53
7	7	Thu.	♑	7 23	6 42	4 51	8 35	7 17	2	2 54	3 14	10 13	10 33
8	8	Fri.	♑	7 22	7 7	4 51	9 9	8 13	3	3 33	3 53	10 52	11 12
9	9	Sat.	♒	7 22	7 32	4 52	9 40	9 9	4	4 13	4 33	11 32	11 52
10	10	**Sun.**	♒	7 22	7 56	4 53	10 12	10 6	5	4 53	5 12	— —	0 12
11	11	Mon.	♒	7 22	8 20	4 54	10 41	11 4	6	5 31	5 51	0 31	0 50
12	12	Tue.	♓	7 22	8 43	4 55	11 11	A. M.	7	6 12	6 34	1 10	1 31
13	13	Wed.	♓	7 21	9 6	4 57	11 43	0 2	8	6 57	7 21	1 53	2 16
14	14	Thu.	♓	7 21	9 27	4 58	0 17	1 3	9	7 49	8 20	2 40	3 8
15	15	Fri.	♈	7 21	9 49	4 59	0 57	2 6	10	8 53	9 26	3 39	4 12
16	16	Sat.	♈	7 20	10 9	5 0	1 44	3 11	11	9 59	10 33	4 45	5 18
17	17	**Sun.**	♈	7 20	10 29	5 1	2 37	4 16	12	11 7	11 40	5 52	6 26
18	18	Mon.	♉	7 19	10 48	5 3	3 37	5 20	13	— —	0 11	6 59	7 30
19	19	Tue.	♉	7 19	11 6	5 4	4 43	6 20	14	0 41	1 8	8 0	8 27
20	20	Wed.	♊	7 18	11 23	5 5	5 53	7 14	15	1 34	2 1	8 53	9 20
21	21	Thu.	♊	7 17	11 40	5 6	7 5	8 3	16	2 29	2 55	9 48	10 14
22	22	Fri.	♊	7 17	11 56	5 7	8 18	8 46	17	3 20	3 45	10 39	11 4
23	23	Sat.	♋	7 16	12 11	5 8	9 29	9 24	18	4 9	4 34	11 28	11 53
24	24	**Sun.**	♋	7 16	12 26	5 9	10 36	10 0	19	4 58	5 21	— —	0 17
25	25	Mon.	♋	7 15	12 39	5 10	11 41	10 36	20	5 44	6 7	0 40	1 3
26	26	Tue.	♌	7 14	12 52	5 11	A. M.	11 10	21	6 30	6 54	1 26	1 49
27	27	Wed.	♌	7 13	13 4	5 13	0 44	11 47	22	7 20	7 48	2 13	2 39
28	28	Thu.	♌	7 13	13 15	5 14	1 44	0 24	23	8 17	8 47	3 7	3 36
29	29	Fri.	♍	7 12	13 26	5 16	2 41	1 5	24	9 18	9 47	4 6	4 37
30	30	Sat.	♍	7 11	13 35	5 17	3 35	1 49	25	10 16	10 44	5 6	5 35
31	31	**Sun.**	♎	7 10	13 44	5 18	4 26	2 36	26	11 12	11 38	6 3	6 31

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H.	M.	
☽ New Moon	5	2	44	A. M.
First Quarter	13	7	24	A. M.
○ Full Moon	20	2	45	A. M.
Last Quarter	26	8	31	P. M.

FIRST AID TO THE INJURED.

The following is an abstract of the lectures delivered by Dr. J. William White to the Senior Classes of the Collegiate and Scientific Departments of the University of Pennsylvania and to the Police force of the city:

HEMORRHAGE.—If the bleeding is from a vein, the application of cold by means of water, snow or ice, or the use of very hot water, will often arrest it. Whether it does or not, take any piece of old muslin, fold it into a moderately thick compress, and apply it *dry* directly over the wound, the edges of which, if it does not contain any foreign matter, should be brought firmly together beneath it. Then, holding it tightly in place, fasten it by a handkerchief, or strip of rag. Elevate the limb, and keep the patient in a recumbent posture. If only a little watery stain of blood shows through the bandage this may be considered as accomplishing its purpose. If a stream makes its appearance from beneath it, it should be removed and the wound filled or packed with long pieces of dry rag, pushed down to its bottom with the finger or with the handle of a key or the end of a pencil, and then covered with another compress, and the bandage reapplied. If in spite of this it should still continue to bleed, the blood coming continuously, not in spurts, and being of a dark color, showing that it comes from a vein, a strip of muslin half an inch or an inch in width, tied around the limb *below* the cut, will usually, in addition to the previous measures, arrest the bleeding. If from the beginning the blood has come in jets of a bright red color, in addition to the compress and bandage bend the joint next above the wound at such an angle as to stop the flow of blood through the main vessel of the limb. In a wound below the knee, place a rounded stone, or other resistant material, in the bend of the knee, then bend the leg back on the thigh, the heel touching the buttock, and fasten it in that position by a rag or piece of rope. In a wound above the knee, place the compress in the groin, and bend the thigh upward so as almost to touch the belly. In a wound in the forearm, place the compress in the bend of the elbow, and bring the hand up until it touches the shoulder, and bind it there. If these positions are too painful to be borne until skilled help is obtained, tie a hard double knot in the centre of a handkerchief loosely twisted into a cord. Place the knot over the line of the vessel, and carry the ends to the opposite side of the limb, tying them there with sufficient force to stop the bleeding; a stick may be slipped under the handkerchief and twisted to tighten it. In the upper extremity this line is just along the inner edge of the muscle which stands out prominently when the arm is strongly bent. In the lower extremity the large artery is at the middle of the groin, or again lower down at the inner and anterior aspect of the thigh. Pressure made over these lines with the fingers—which should feel the vessel beating beneath them, and should be directed so as to press it tightly against the bone—will also control bleeding. Almost any hemorrhage can be temporarily arrested by thrusting the fingers boldly into the bottom of the wound and pinching up the bleeding point, or enough tissue to include it. In cut-throat wounds and wounds of the armpit and groin, this is the best method of procedure pending the arrival of professional aid. In wounds of the chest or belly the patient should be kept absolutely still, and the part encircled with a strong binder or bandage, so as to limit the movements of the wounded region. If a person is apparently in danger of death from the loss of blood, keep him in a strictly recumbent position, the head even a little lower than the rest of the body; elevate the limbs and bandage or rub them from the extremities toward the trunk, so as to keep as much blood as possible in the brain and heart; give hot drinks—coffee, whisky, or brandy—in small doses, or even hot water freely; apply warmth externally; begin as soon as possible the administration of warm milk; do not allow the patient to assume a sitting posture until there is decided return of strength.

In troublesome *bleeding from the nose* do not allow the patient to bend over a basin; keep him in an erect or semi-erect position; see that there is nothing tight about his neck; apply cold to the nape of the neck and the root of the nose; take a long strip of rag an inch or an inch and a half in width, and, with a pencil or pen-holder, push it gently little by little into the nostril on the affected side until it is completely filled, being sure to carry the first of it well back towards the throat. Tannin or powdered alum may be rubbed into the meshes of the rag before inserting it.

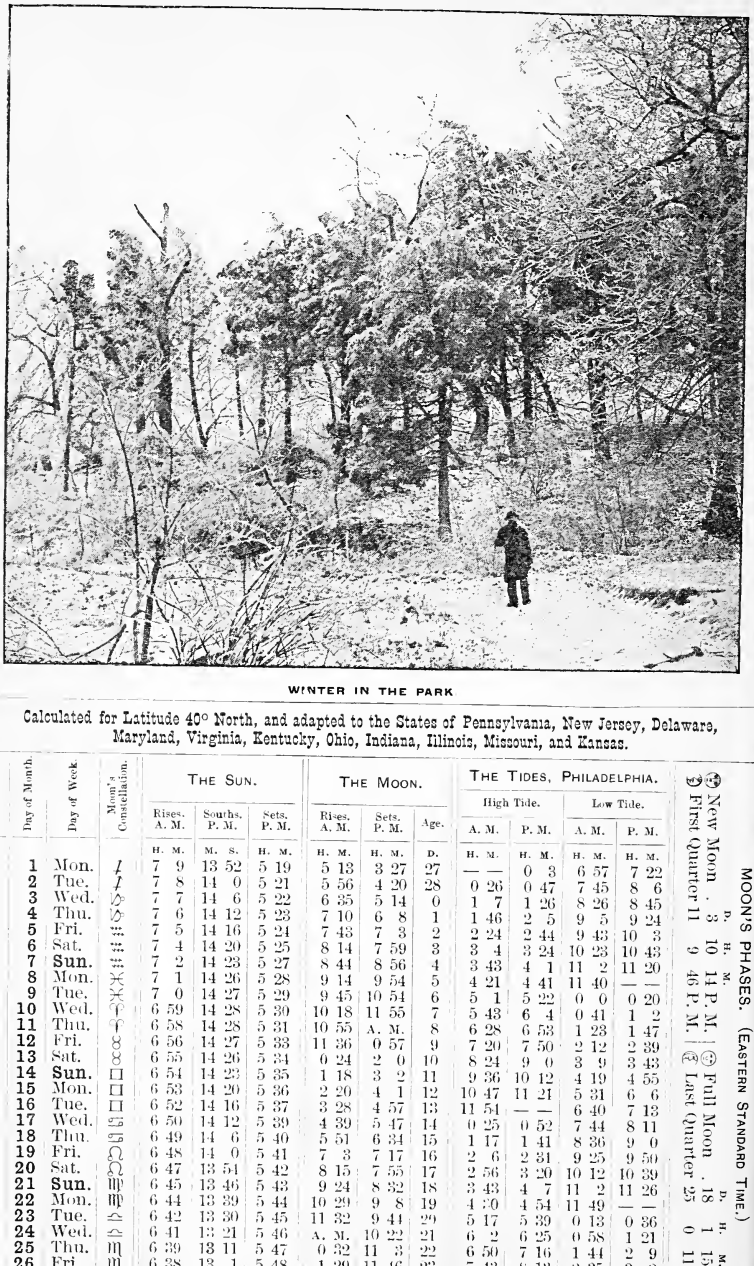
In *scalp wounds* make direct pressure against the bones of the skull with the fingers, or, better, by means of a compress and bandage.

In *hemorrhage from the lungs* the blood is bright red and mixed with air, or frothy. Keep the patient in bed in a sitting posture; give lumps of ice to swallow, and teaspoonfuls of a solution of salt in vinegar every ten or fifteen minutes. Conversation should be absolutely prohibited.

In *hemorrhage from the stomach or bowels* the blood vomited or passed is black, in small clots, often looking like coffee grounds. Keep the patient quiet in bed, on his back; apply a broad bandage so as to compress the entire belly; give lumps of ice, to be swallowed whole. When the blood comes from the bowels give injections of strong iced tea.

BURNS AND SCALDS.—When a person is absolutely in a blaze, pick up the nearest rug, shawl, table-cover, overcoat, or slip of carpet; if necessary tear down a window curtain or a door hanging. Hold it before you so as to protect your own hands and face, and wrap it quickly and completely around the burning part—being sure, if the article employed is somewhat scanty, to place it at least as high as the upper limit of the flames, which are thus prevented from entering the mouth and air passages; then, without losing an instant, throw the burning person to the ground, using any reasonable degree of force to overcome the resistance often made on account of intense fright—placing your foot behind the feet of the patient, heel to

2d Month. FEBRUARY. 28 Days.



WINTER IN THE PARK

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun. Rises. A. M.	The Sun. Souths. P. M.	The Sun. Sets. P. M.	The Moon. Rises. A. M.	The Moon. Sets. P. M.	The Moon. Age.	The Tides, Philadelphia. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
32	1	Mon.	♐	7 9	13 52	5 19	5 13	3 27	27	— —	0 3	6 57	7 22
33	2	Tue.	♐	7 8	14 0	5 21	5 56	4 20	28	0 26	0 47	7 45	8 6
34	3	Wed.	♑	7 7	14 6	5 22	6 35	5 14	0	1 7	1 26	8 26	8 45
35	4	Thu.	♑	7 6	14 12	5 23	7 10	6 8	1	1 46	2 5	9 5	9 24
36	5	Fri.	♑	7 5	14 16	5 24	7 43	7 3	2	2 24	2 44	9 43	10 3
37	6	Sat.	♑	7 4	14 20	5 25	8 14	7 59	3	3 4	3 24	10 23	10 43
38	7	**Sun.**	♒	7 2	14 23	5 27	8 44	8 56	4	3 43	4 1	11 2	11 20
39	8	Mon.	♒	7 1	14 26	5 28	9 14	9 54	5	4 21	4 41	11 40	— —
40	9	Tue.	♒	7 0	14 27	5 29	9 45	10 54	6	5 1	5 22	0 0	0 20
41	10	Wed.	♓	6 59	14 28	5 30	10 18	11 55	7	5 43	6 4	0 41	1 2
42	11	Thu.	♓	6 58	14 28	5 31	10 55	A. M.	8	6 28	6 53	1 23	1 47
43	12	Fri.	♓	6 56	14 27	5 33	11 36	0 57	9	7 20	7 50	2 12	2 39
44	13	Sat.	♓	6 55	14 26	5 34	0 24	2 0	10	8 24	9 0	3 9	3 43
45	14	**Sun.**	♈	6 54	14 23	5 35	1 18	3 2	11	9 36	10 12	4 19	4 55
46	15	Mon.	♈	6 53	14 20	5 36	2 20	4 1	12	10 47	11 21	5 31	6 6
47	16	Tue.	♈	6 52	14 16	5 37	3 28	4 57	13	11 54	— —	6 40	7 13
48	17	Wed.	♉	6 50	14 12	5 39	4 39	5 47	14	0 25	0 52	7 44	8 11
49	18	Thu.	♉	6 49	14 6	5 40	5 51	6 34	15	1 17	1 41	8 36	9 0
50	19	Fri.	♉	6 48	14 0	5 41	7 3	7 17	16	2 6	2 31	9 25	9 50
51	20	Sat.	♊	6 47	13 54	5 42	8 15	7 55	17	2 56	3 20	10 12	10 39
52	21	**Sun.**	♊	6 45	13 46	5 43	9 24	8 32	18	3 43	4 7	11 2	11 26
53	22	Mon.	♊	6 44	13 39	5 44	10 29	9 8	19	4 30	4 54	11 49	— —
54	23	Tue.	♋	6 42	13 30	5 45	11 32	9 41	20	5 17	5 39	0 13	0 36
55	24	Wed.	♋	6 41	13 21	5 46	A. M.	10 22	21	6 2	6 25	0 58	1 21
56	25	Thu.	♋	6 39	13 11	5 47	0 32	11 3	22	6 50	7 16	1 44	2 9
57	26	Fri.	♋	6 38	13 1	5 48	1 29	11 46	23	7 43	8 13	2 35	3 2
58	27	Sat.	♌	6 36	12 50	5 50	2 21	0 33	24	8 43	9 13	3 32	4 5
59	28	**Sun.**	♌	6 35	12 39	5 51	3 10	1 23	25	9 43	10 12	4 32	5 2

MOON'S PHASES. (Eastern Standard Time.)

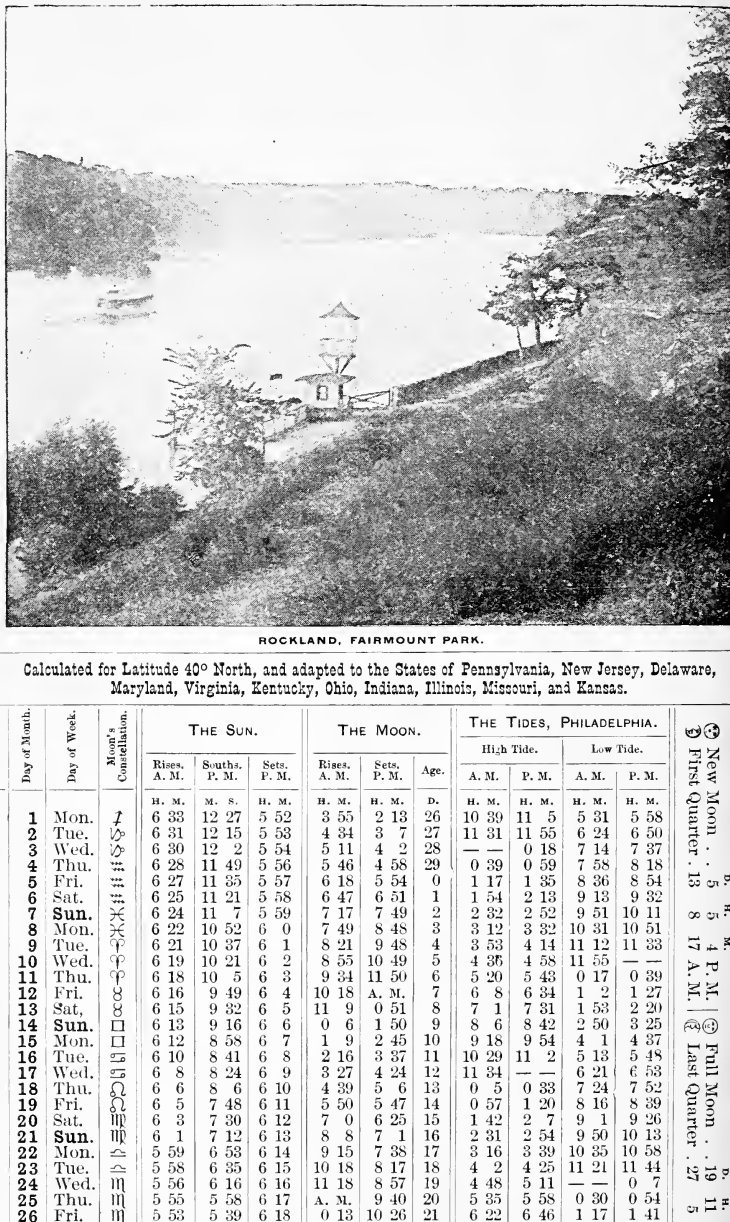
	D.	H.	M.
New Moon	3	10	14 P. M.
First Quarter	11	9	46 P. M.
Full Moon	18	1	15 P. M.
Last Quarter	25	0	11 P. M.

heel, and with it the rest of the body on that side, below the waist; encircle the lower part of her chest with your arm, bend your body forcibly forward, using your hip as a fulcrum, and take her off her feet. A single moment lost in entreaty or expostulation may make the difference between life and death, and a mere unsystematic struggle is apt to result in severe or dangerous injury to the rescuer. Having the patient on the floor, keep the article thrown around her in close contact; add to it, if possible, but roll her from side to side, or over and over, until the flames are extinguished. If there is another bystander, he should be occupied during this time in procuring a bucket of water, with which the cinders and smouldering half-burnt clothing should be completely drenched. If the accident has been one caused by boiling water, or by a steam explosion, cold water should be freely used at once. The injured person, if out of doors, should then be carefully carried into the nearest available warm room and laid on the floor, or on a dining or kitchen table, *not* in a bed. If the burn or scald has been extensive, the general condition will now require looking after. Give a mouthful of hot coffee or tea, or some hot milk, or a teaspoonful of brandy in an equal quantity of water every minute until six or eight have been swallowed; hold ammonia to the nose; apply hot flannels to the pit of the stomach; keep the head low. When the burn involves an extremity, great relief may often be obtained by elevating it and retaining it in that position. When there are signs of returning strength it is well to give an adult about thirty drops of laudanum in a little water, and, if medical assistance is delayed and there is great pain, this may be repeated, safely, in a half hour or an hour. Remove the clothing by cutting it off with sharp scissors; make no effort to take any portion of it away in any other manner; cut around places where it is adherent to the skin, leaving them to be softened by water, and try especially not to tear away the thin skin of blisters; have the temperature of the room run up if possible to from 75° to 80° F. If the patient grows faint, cover warmly and open a door or window for a moment, then give a teaspoonful or two of brandy, or a little hot coffee, and when the room is warm again proceed. After the clothing has been taken away, it will be necessary to protect the burned surface. If the skin is merely reddened, a solution of sugar of lead, two teaspoonfuls to the pint of water, or of phénol sodique mixed with two-thirds water, will answer every purpose.

ARTIFICIAL RESPIRATION.—In cases of suffocation, smothering, hanging, choking, and drowning, after certain preliminaries, such as cutting the noose in hanging, removing the obstructing body in choking, etc., it is necessary when unconsciousness or apparent death has resulted, to resort to artificial respiration. The objects to be attained are: First, to empty the mouth, throat and air-passages of any water or frothy mucus which they may contain, and which would interfere with the entrance of air; second, to secure the continued openness of those passages; third, to place the body in the most favorable position for full expansion of the chest; fourth, to imitate as nearly as possible the natural movements of respiration; fifth, to maintain breathing and the heart's action when they have once been re-established. Taking *drowning* as an example, the first indication is met by immediately placing the body on an inclined plane, with the head and face downward, opening the mouth and drawing the tongue forward by seizing it with a handkerchief or piece of rag. If a shutter or plank is at hand it may be used for inclining the body as mentioned—otherwise it will be sufficient to lift the lower portion of the body and hold it in that position for a few seconds. As soon as water ceases to flow freely from the mouth, the patient should be turned upon the back, and the tongue prevented from falling backward by holding it or tying it so that its tip is on a level with or a little beyond the front teeth. A coat or two, a bundle of shawls, a pile of sand, an armful of sea-weed, or anything that will make a pillow, should then be placed under the middle of the back, so as to throw out the ribs and give the chest its greatest capacity. All this should have occupied not more than ten or fifteen seconds. The person in charge should then place himself at the head of the patient, facing toward the feet of the patient. Leaning over, he should grasp the arms at or near the elbows, and draw them slowly away from the side of the chest and then directly upward until they almost meet above the head of the patient, in a line with his body. They should then be lowered until they again touch the chest. At this moment the operator should release his grasp of the arms, and, placing his hands on the lower part of the breast-bone, should make firm pressure backward. The first movement, that of drawing the arms upward, is calculated to start the action of inspiration or the taking in of air; the second, that of pressing on the breast-bone backward, partially empties the chest of air, as in expiration. These two motions together should occupy four or five seconds—that is, the entire movement of inspiration and expiration should be repeated about twelve or fifteen times a minute, not more, and be continued until natural respiration begins. If, after a time, these efforts are successful, color returns to the lips, the body grows warmer, slight muscular movements occur, and a few faint but natural breaths are taken; the patient may then, *but not until then*, be protected from the cold by a light blanket or a few articles of clothing, and should be carefully watched. The artificial movements of respiration should not be discontinued entirely until consciousness is regained and full breaths are taken without assistance. A little hot coffee or some brandy and water may be given about this time, and the patient may then be conveyed to a neighboring house or shelter, but should not be allowed to assume an erect position.

Suffocation usually occurs as an accident, when a person who is eating endeavors to talk, or, particularly, to laugh, while the mouth is full. The current of air drawn in by the expansion of the chest carries with it a portion of food, which closes the windpipe. Such an individual will suddenly become purple in the face, will gasp or make a gurgling sound, throw his hands out wildly or grasp his throat with them, and will then in a few seconds fall to the ground or forward upon the table. Do not lose an instant. Force the mouth open with the handle of a knife or of a strong spoon; push the thumb and fingers deep down into the throat beyond the root of the tongue and feel for the foreign body. Sometimes the first and middle fingers can be made to extend a little further.

3d Month. MARCH. 31 Days.



ROCKLAND, FAIRMOUNT PARK.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun. Rises. A. M.	The Sun. Souths. P. M.	The Sun. Sets. P. M.	The Moon. Rises. A. M.	The Moon. Sets. P. M.	The Moon. Age.	The Tides, Philadelphia. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
60	1	Mon.	♐	6 33	12 27	5 52	3 55	2 13	26	10 39	11 5	5 31	5 58
61	2	Tue.	♑	6 31	12 15	5 53	4 34	3 7	27	11 31	11 55	6 24	6 50
62	3	Wed.	♑	6 30	12 2	5 54	5 11	4 2	28	— —	0 18	7 14	7 37
63	4	Thu.	♒	6 28	11 49	5 56	5 46	4 58	29	0 39	0 59	7 58	8 18
64	5	Fri.	♒	6 27	11 35	5 57	6 18	5 54	0	1 17	1 35	8 36	8 54
65	6	Sat.	♒	6 25	11 21	5 58	6 47	6 51	1	1 54	2 13	9 13	9 32
66	7	**Sun.**	♒	6 24	11 7	5 59	7 17	7 49	2	2 32	2 52	9 51	10 11
67	8	Mon.	♓	6 22	10 52	6 0	7 49	8 48	3	3 12	3 32	10 31	10 51
68	9	Tue.	♈	6 21	10 37	6 1	8 21	9 48	4	3 53	4 14	11 12	11 33
69	10	Wed.	♈	6 19	10 21	6 2	8 55	10 49	5	4 36	4 58	11 55	— —
70	11	Thu.	♈	6 18	10 5	6 3	9 34	11 50	6	5 20	5 43	0 17	0 39
71	12	Fri.	♉	6 16	9 49	6 4	10 18	A. M.	7	6 8	6 34	1 2	1 27
72	13	Sat.	♉	6 15	9 32	6 5	11 9	0 51	8	7 1	7 31	1 53	2 20
73	14	**Sun.**	♊	6 13	9 16	6 6	0 6	1 50	9	8 6	8 42	2 50	3 25
74	15	Mon.	♊	6 12	8 58	6 7	1 9	2 45	10	9 18	9 54	4 1	4 37
75	16	Tue.	♋	6 10	8 41	6 8	2 16	3 37	11	10 29	11 2	5 13	5 48
76	17	Wed.	♋	6 8	8 24	6 9	3 27	4 24	12	11 34	— —	6 21	6 53
77	18	Thu.	♌	6 6	8 6	6 10	4 39	5 6	13	0 5	0 33	7 24	7 52
78	19	Fri.	♌	6 5	7 48	6 11	5 50	5 47	14	0 57	1 20	8 16	8 39
79	20	Sat.	♍	6 3	7 30	6 12	7 0	6 25	15	1 42	2 7	9 1	9 26
80	21	**Sun.**	♍	6 1	7 12	6 13	8 8	7 1	16	2 31	2 54	9 50	10 13
81	22	Mon.	♎	5 59	6 53	6 14	9 15	7 38	17	3 16	3 39	10 35	10 58
82	23	Tue.	♎	5 58	6 35	6 15	10 18	8 17	18	4 2	4 25	11 21	11 44
83	24	Wed.	♍	5 56	6 16	6 16	11 18	8 57	19	4 48	5 11	— —	0 7
84	25	Thu.	♍	5 55	5 58	6 17	A. M.	9 40	20	5 35	5 58	0 30	0 54
85	26	Fri.	♍	5 53	5 39	6 18	0 13	10 26	21	6 22	6 46	1 17	1 41
86	27	Sat.	♐	5 51	5 21	6 19	1 4	11 16	22	7 11	7 38	2 5	2 30
87	28	**Sun.**	♐	5 50	5 3	6 20	1 50	0 7	23	8 6	8 35	2 57	3 25
88	29	Mon.	♑	5 48	4 44	6 21	2 33	1 0	24	9 5	9 33	3 54	4 24
89	30	Tue.	♑	5 47	4 26	6 22	3 11	1 54	25	10 0	10 27	4 52	5 19
90	31	Wed.	♑	5 45	4 8	6 23	3 45	2 50	26	10 53	11 18	5 46	6 12

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H. M.	
New Moon	5	5 4	P. M.
First Quarter	13	8 17	A. M.
Full Moon	19	11 36	P. M.
Last Quarter	27	5 44	A. M.

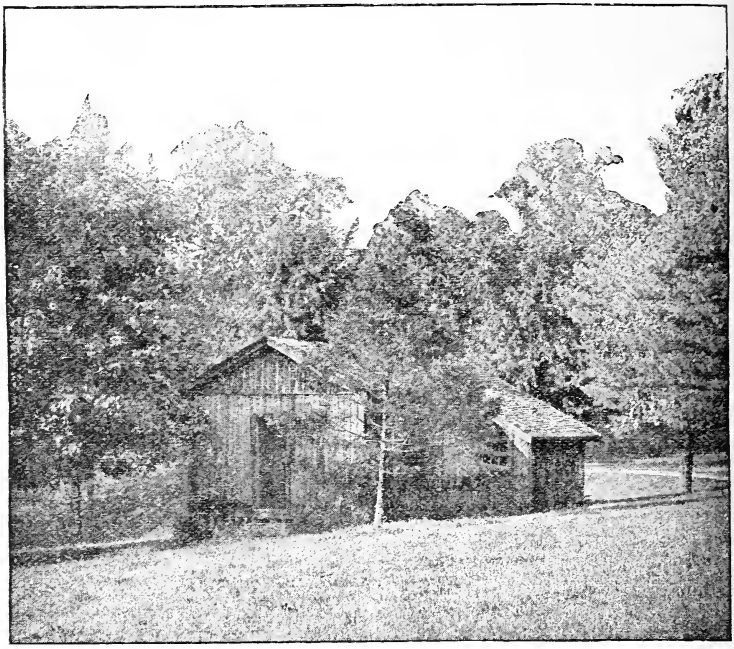
When the obstruction is found it should at once be withdrawn. If it can be distinctly felt, but cannot be grasped, a hair-pin bent into a hook, and guided by the finger of the left hand, or the handle of one blade of a pair of scissors, held by the point, will often serve to secure it and bring it out. If these measures, rapidly tried, fail, get some one to press against the front of the chest, or support it against the edge of the table or the back of a chair, and strike several hard, quick blows with the open hand on the back, between the shoulder blades. Further treatment must be applied by a physician, who should have been immediately sent for; but if the substance has been extracted, and the patient is still unconscious, do not wait for his arrival to begin artificial respiration.

Smothering.—This is a form of suffocation from which very young babies are the greatest sufferers. Mothers or nurses who carelessly allow the mouth of a sleeping child to be covered with the bed-clothes; or who, in excess of care, wrap it too tightly in shawls, or press it too closely while carrying it; or who, during sleep, throw an arm over its face, or turn so as partially to cover it, are usually responsible for this kind of accidents. Death takes place as a rule, quietly, without any marked convulsive movements or other symptoms. If the child's condition is discovered in time, proceed as follows: Place it on a table, and seat yourself beside it on its right hand, wipe its mouth and nostrils clean; seize its larynx (Adam's apple) between the thumb and forefinger of the right hand, and press it upward and backward. This opens the way to the lungs, and at the same time closes that to the stomach. Squeeze the nostrils together with the left hand; place your lips over its mouth and blow steadily into it as long as you feel that your breath is finding a passageway. Then remove your hands, and with one of them press gently on the breast bone. All of this should occupy about four seconds, or, in other words, should be repeated about fifteen times a minute. A dash of cold water in the face and chest of the infant will often aid these attempts, which should be persevered in for fifteen minutes at least, or indefinitely if there is the least sign of life. Subsequently the child should be carefully watched, and its strength supported by a few drops of hot whisky and milk, given at short intervals, until it resumes its natural appearance.

Unconsciousness.—In an ordinary *fainting spell* the face is pallid and the skin cool. The individual falls more or less suddenly. A strictly recumbent position, with the head as low as, or even lower than, the rest of the body, is the first and chief indication for treatment. Cold to the face, ammonia or smelling salt to the nostrils, heat to the pit of the stomach, may then be used with advantage. Unconsciousness may arise from *apoplexy*, or an escape of blood upon the brain, known as a "stroke" of paralysis. In such a case the individual would be found with a purplish discolored face, breathing noisily, with the cheeks flapping at each respiration; the face on one side drawn and distorted, on the other side smooth and expressionless, like a mask; the eyes irresponsive to light and to the touch; one side of the body possibly twitching or rigid; the other perfectly limp and motionless; entirely and absolutely insensible, and not to be roused by any possible means; or the same symptoms may be produced by a fracture of the skull, following a fall or a blow on the head. In such a case, rest, with the head elevated and covered with iced cloths, the removal of all constriction about the neck, the use of a warm foot-bath, and of a hot water and soap-suds injection into the bowels, are about all that can be done while waiting for medical advice. The unconsciousness may follow an attack of *epileptic convulsions*—"fits"—in which case there will be a history of violent movements of the limbs, the mouth will be filled with frothy or bloody mucus, the tongue bitten, etc. During the attack the convulsive movements should be gently controlled, so that the patient may not injure himself; a folded handkerchief may be slipped between the jaws to prevent the tongue from being bitten, and a horizontal position should be preserved until the attack has entirely ended. In *drunkenness* the patient can generally be made to show some sign of life, some indication that he hears or feels; the breathing, though often snoring, is not characterized by the peculiar flapping of the cheeks of apoplexy or fracture of the skull; his face is stupid and heavy, possibly somewhat flushed but otherwise unaltered; there is no froth about his mouth, and his tongue is uninjured; there have been no convulsive motions of the limbs; there will be a decided alcoholic odor on the breath. The latter symptom, it must never be forgotten, does not demonstrate the existence of drunkenness. Often before an approaching epileptic or apoplectic attack the sufferer feels depressed, weak, languid, and resorts to stimulants for aid. In such cases an opinion grounded merely upon the smell of liquor on the breath might lead to very harmful methods of treatment. On the other hand, the absence of such odor must be considered as strong *prima facie* evidence that the case is one of illness, as few, if any, persons can drink enough to produce unconsciousness without revealing it in their breath. In undoubted cases of drunkenness, vomiting should be induced, and should be followed by teaspoonful doses of aromatic spirits of ammonia (aromatic spirits of hartshorn) in water, and then by strong tea or coffee, as soon as the stomach will retain it. In all cases of unconsciousness, where the cause is doubtful, keep the patient recumbent, the clothing loose about the neck, the head cool and slightly raised, the feet warm, and avoid rough movements or very active interference.

Poisons.—Poisons may be divided into *mineral* and *vegetable*. *Mineral poisons* are chiefly *irritants*, producing as soon as swallowed excruciating pain at the pit of the stomach and in the belly, with tenderness on pressure; often a burning or scalding of the lips, mouth and gullet; violent retching and bloody vomiting, purging, cold sweats, and great prostration. The general principles to be observed in the treatment of such cases are first and instantly to dilute the poison with large draughts of water, either plain or, if the particular poison is known, containing the proper antidote in solution or suspension. Next, if it should happen that vomiting has not occurred, it should be excited in one of the ways to be mentioned presently. Then the lining membrane of the stomach and bowels should be protected as much as possible from contact with the poison by large and frequently repeated doses of sweet oil, mucilage, flaxseed tea, etc. Melted cosmoline or vaseline, or butter or lard, would not be

4th Month. APRIL. 30 Days.



GENERAL GRANT'S LOG CABIN, FAIRMOUNT PARK.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week	Moon's Constellation.	The Sun. Rises. A. M.	The Sun. Souths. P. M.	The Sun. Sets. P. M.	The Moon. Rises. A. M.	The Moon. Sets. P. M.	The Moon. Age.	The Tides, Philadelphia. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
91	1	Thu.	♓	5 43	3 50	6 24	4 18	3 46	27	11 42	— —	6 37	7 1
92	2	Fri.	♓	5 42	3 32	6 25	4 49	4 44	28	0 5	0 27	7 24	7 46
93	3	Sat.	♓	5 40	3 14	6 26	5 20	5 42	29	0 47	1 6	8 6	8 25
94	4	Sun.	♈	5 39	2 56	6 27	5 50	6 41	0	1 24	1 43	8 43	9 2
95	5	Mon.	♈	5 37	2 39	6 28	6 21	7 41	1	2 3	2 24	9 22	9 43
96	6	Tue.	♉	5 35	2 22	6 29	6 56	8 42	2	2 45	3 7	10 4	10 26
97	7	Wed.	♉	5 34	2 4	6 30	7 34	9 44	3	3 29	3 51	10 48	11 10
98	8	Thu.	♉	5 32	1 48	6 31	8 17	10 46	4	4 14	4 39	11 33	11 58
99	9	Fri.	♉	5 31	1 31	6 32	9 6	11 45	5	5 4	5 29	— —	0 23
100	10	Sat.	♊	5 29	1 14	6 33	10 0	A. M.	6	5 55	6 22	0 48	1 14
101	11	Sun.	♊	5 28	0 58	6 34	11 0	0 41	7	6 50	7 19	1 41	2 9
102	12	Mon.	♊	5 26	0 42	6 35	0 5	1 33	8	7 52	8 27	2 38	3 11
103	13	Tue.	♋	5 25	0 27	6 36	1 12	2 20	9	9 2	9 36	3 46	4 21
104	14	Wed.	♋	5 23	0 12	6 37	2 20	3 3	10	10 9	10 41	4 55	5 28
105	15	Thu.	♋	5 22	B.N.	6 38	3 29	3 42	11	11 12	11 41	6 0	6 31
106	16	Fri.	♌	5 20	0 18	6 39	4 39	4 19	12	— —	0 8	7 0	7 27
107	17	Sat.	♌	5 19	0 32	6 40	5 48	4 55	13	0 34	0 56	7 53	8 15
108	18	Sun.	♌	5 17	0 46	6 41	6 55	5 32	14	1 18	1 41	8 37	9 0
109	19	Mon.	♍	5 16	1 0	6 42	7 59	6 9	15	2 4	2 27	9 23	9 46
110	20	Tue.	♍	5 14	1 13	6 43	9 1	6 48	16	2 49	3 12	10 8	10 31
111	21	Wed.	♍	5 13	1 25	6 44	10 1	7 32	17	3 35	3 58	10 54	11 17
112	22	Thu.	♎	5 12	1 37	6 45	10 55	8 17	18	4 22	4 45	11 41	— —
113	23	Fri.	♎	5 10	1 49	6 46	11 44	9 6	19	5 8	5 31	0 4	0 27
114	24	Sat.	♎	5 9	2 0	6 47	A. M.	9 57	20	5 53	6 15	8 50	1 12
115	25	Sun.	♏	5 8	2 11	6 48	0 29	10 50	21	6 38	7 2	1 34	1 57
116	26	Mon.	♏	5 7	2 21	6 49	1 8	11 44	22	7 27	7 54	2 21	2 46
117	27	Tue.	♏	5 5	2 31	6 50	1 44	0 40	23	8 21	8 48	3 13	3 40
118	28	Wed.	♐	5 4	2 40	6 51	2 18	1 36	24	9 16	9 43	4 7	4 35
119	29	Thu.	♐	5 2	2 48	6 52	2 49	2 31	25	10 10	10 35	5 2	5 29
120	30	Fri.	♐	5 1	2 56	6 53	3 19	3 30	26	11 0	11 25	5 54	6 19

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H.	M.	
☌ New Moon . .	4	9	30	A. M.
☽ First Quarter .	11	3	44	P. M.
☍ Full Moon . .	18	9	50	A. M.
☾ Last Quarter .	26	0	15	A. M.

inappropriate remedies for this purpose. Then the general condition should be looked after; the temperature kept up by warm blankets, hot bottles, etc.; and if there are marked evidences of sinking, such as failure of the pulse, very feeble, gasping respiration, etc., a little stimulus may be given, preferably by injection into the bowels. In the case of an adult a tablespoonful of brandy, or whisky, or gin, with an equal quantity of water, may be administered in this manner every five or ten minutes until reaction sets in—that is, until the face regains its color, the pulse becomes stronger and the breathing fuller.

A few of the most common of the poisons of this class may, perhaps, be mentioned with advantage, together with the antidotes most readily obtainable:

Acids—*Muriatic* (spirit of salt), *nitric* (aqua fortis), *sulphuric* (oil of vitriol), *oxalic*, *nitro-muriatic*, etc. Nitric acid and sulphuric acid are sometimes used by domestic practitioners for the removal of warts; oxalic acid is often employed for taking out iron or ink stains; muriatic and nitro-muriatic acids are frequently prescribed medicinally. As soon as a poisonous dose has been swallowed, or while the first draughts are being taken, seek for something which will neutralize the acid. Lime scraped from a wall, and stirred up in water, powdered chalk, whiting, or calcined magnesia, may be given in any of these cases. For sulphuric or muriatic acid you may administer, in addition, soap suds, soft soap, common soap cut into small pieces, baking or washing soda, or saleratus, giving these latter in very small quantities at a time, so as not to produce dangerous distention of the stomach from the evolution of gas. In the case of sulphuric acid water must not be used freely at first, at least not unless it contains some antidote, as the heat produced when this acid and water are mixed is sufficient of itself to cause serious damage.

Iodine—(Often prescribed for external application). Give starch made into a paste with water, or flour and water.

Arsenic—(Ratsbane, ague drops, fly powder, Paris green). Give the whites of ten or twelve eggs, beaten up in a pint of water, or flour and water, or barley water, or flaxseed tea or magnesia.

Phosphorus—(Mixed in rat poison and sometimes eaten by children in the shape of the heads of ordinary parlor matches). Give ten drops of oil of turpentine every ten or fifteen minutes in mucilage or barley water; if the turpentine is old it is more efficacious. Large quantities of milk, or gruel, or flaxseed tea.

The majority of *vegetable poisons* are *narcotics*, and produce giddiness, drowsiness, stupor, insensibility or delirium, slow, heavy, puffing breathing. The chief of these is:

Opium.—(Laudanum, paregoric, black drop, morphia, etc.) In a case of opium poisoning, after having, if possible, evacuated the stomach very thoroughly and repeatedly, give strong coffee in cupful doses every fifteen minutes or half an hour; stimulate the respiration and circulation by slapping the surface of the body with the bare hand or with a slipper, or dashing cold water on it and then rubbing briskly; if the breathing becomes very slow—ten or fifteen a minute—employ artificial respiration by the methods already described; use electricity if a battery is at hand.

To Excite Vomiting.—The simplest way in many cases is to give large quantities of *warm water;* cupful after cupful should be taken until by mere over-distention the stomach is induced to reject its contents. Vomiting once begun may then generally be kept up by the further use of the same remedy. It is also of great value in diluting the poison, whatever it may be. If this means fails use a solution of *common salt* in water, as strong as it can be made, in cupful doses given every minute or two. If this does not act take a tablespoonful of *mustard flour* and stir it into a tumblerful of water; give a mouthful or two of this every two minutes until vomiting occurs, aiding it by large doses of warm water during the interval. The salt and mustard may be used together with advantage. *Sulphate of Zinc* (white vitriol) is a valuable and a safe emetic. It should be given in doses of twenty grains, which is about one-fourth of a teaspoonful, dissolved in water, and repeated every two or three minutes. *Powdered Alum*, mixed with molasses, and given in teaspoonful doses, is a prompt emetic. *Ipecacuanha*, either powdered, in doses of thirty or forty grains, or in the shape of the syrup in doses of a teaspoonful or more, is a very certain and useful emetic.

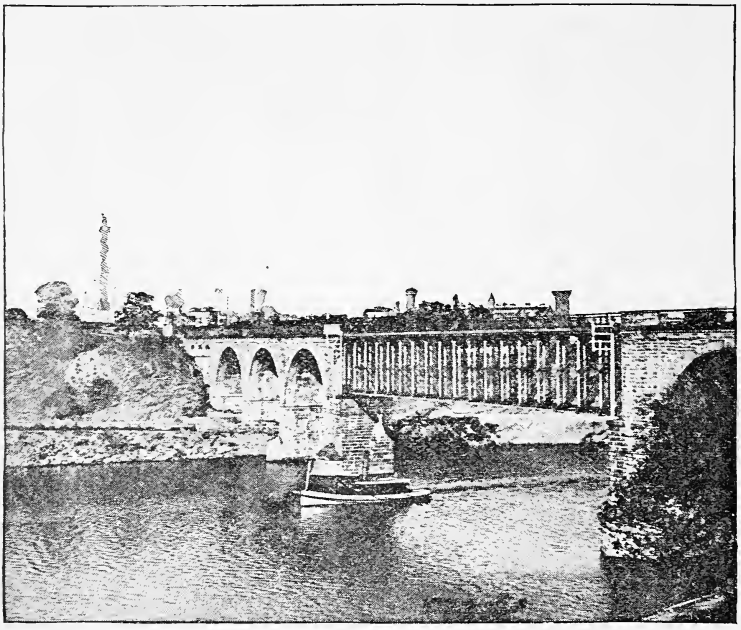
SUN-STROKE AND HEAT EXHAUSTION.—A very important series of cases arise in our latitude in the summer months from the effects of heat, and may be classified under the two heads of sun-stroke and heat-exhaustion. The distinction between these is a very marked one, and the treatment which will afford relief in one, in the other will often prove fatal. In *exhaustion from heat* the patient will be found unconscious, but can probably be momentarily aroused; the pupils are dilated, the breathing feeble or gasping, the pulse weak or imperceptible, the face pale, the skin cool and moist, or even covered with sweat. In *sun-stroke* the insensibility is more complete, the pupils are apt to be contracted, the breathing hurried and irregular, the face flushed, the pulse quick and hard, the skin hot and burning.

In case of *heat exhaustion* the patient should be carried to a cool place and put in a recumbent position, his head on a level with his body; all tight articles about his neck or chest should be loosened; his limbs should be rubbed gently from the extremities toward the trunk; no crowd should be allowed to cut off the supply of fresh air; a little stimulant, such as brandy and water or whisky and water, should be poured between his lips or placed upon his tongue; ammonia may be held to his nostrils.

In *sun-stroke* the patient should also be carried at once to a cool, shady spot, but the subsequent treatment is very different. The clothing should be removed; the body wrapped in a wet sheet and fanned, or the surface sponged with iced water or with alcohol and water, and afterward fanned. A stream of cold water should be poured upon the head, and if he is able to drink he should be allowed to take iced water freely. If the skin remains hot and burning on temporarily ceasing these efforts, pieces of ice may be applied to the scalp, the nape of the neck and the spine, and rubbed over the surface of the body.

Perhaps among the signs mentioned the one most easily recognized by a layman is the condition of the skin, the coolness and moisture of heat-exhaustion contrasting strongly with the dryness and burning of sun-stroke.

5th Month. MAY. 31 Days.



GIRARD AVENUE BRIDGE.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun.			The Moon.			The Tides, Philadelphia.			
										High Tide.		Low Tide.	
				Rises. A. M.	Souths. B. N.	Sets. P. M.	Rises. A. M.	Sets. P. M.	Age.	A. M.	P. M.	A. M.	P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
121	1	Sat.	♓	5 0	3 4	6 54	3 50	4 29	27	11 49	— —	6 44	7 8
122	2	**Sun.**	♓♈	4 59	3 11	6 55	4 22	5 30	28	0 12	0 35	7 31	7 54
123	3	Mon.	♈	4 57	3 17	6 56	4 55	6 33	0	0 56	1 16	8 15	8 35
124	4	Tue.	♈	4 56	3 23	6 57	5 32	7 36	1	1 38	2 0	8 57	9 19
125	5	Wed.	♉	4 55	3 29	6 58	6 13	8 38	2	2 23	2 47	9 42	10 6
126	6	Thu.	♉	4 54	3 33	6 59	7 0	9 39	3	3 11	3 35	10 30	10 54
127	7	Fri.	♊	4 53	3 38	7 0	7 54	10 37	4	4 0	4 26	11 19	11 45
128	8	Sat.	♊	4 51	3 41	7 1	8 53	11 32	5	4 53	5 20	— —	0 12
129	9	**Sun.**	♊♋	4 50	3 44	7 2	9 57	A. M.	6	5 46	6 12	0 39	1 5
130	10	Mon.	♋	4 49	3 47	7 3	11 2	0 20	7	6 39	7 7	1 31	1 58
131	11	Tue.	♋	4 48	3 49	7 4	0 11	1 3	8	7 37	8 8	2 26	2 56
132	12	Wed.	♌	4 47	3 50	7 5	1 17	1 42	9	8 41	9 14	3 27	4 0
133	13	Thu.	♌	4 47	3 51	7 6	2 26	2 19	10	9 45	10 16	4 33	5 4
134	14	Fri.	♍	4 46	3 52	7 7	3 32	2 54	11	10 46	11 16	5 35	6 5
135	15	Sat.	♍	4 45	3 51	7 8	4 39	3 30	12	11 43	— —	6 35	7 2
136	16	**Sun.**	♎	4 44	3 50	7 9	5 44	4 5	13	0 9	0 34	7 28	7 53
137	17	Mon.	♎	4 43	3 49	7 10	6 46	4 43	14	0 57	1 18	8 16	8 37
138	18	Tue.	♏	4 42	3 47	7 10	7 46	5 23	15	1 39	2 2	8 58	9 21
139	19	Wed.	♏	4 41	3 45	7 11	8 44	6 7	16	2 26	2 49	9 45	10 8
140	20	Thu.	♐	4 40	3 42	7 12	9 37	6 56	17	3 11	3 34	10 30	10 53
141	21	Fri.	♐	4 39	3 38	7 13	10 24	7 47	18	3 56	4 18	11 15	11 37
142	22	Sat.	♐	4 39	3 34	7 14	11 6	8 40	19	4 40	5 2	11 59	— —
143	23	**Sun.**	♑	4 38	3 29	7 15	11 44	9 34	20	5 23	5 44	0 21	0 42
144	24	Mon.	♑	4 38	3 24	7 16	A. M.	10 28	21	6 5	6 27	1 3	1 24
145	25	Tue.	♒	4 37	3 18	7 17	0 17	11 24	22	6 49	7 11	1 46	2 8
146	26	Wed.	♒	4 36	3 12	7 18	0 50	0 21	23	7 34	8 0	2 30	2 53
147	27	Thu.	♒	4 36	3 6	7 18	1 21	1 17	24	8 27	8 55	3 19	3 46
148	28	Fri.	♓	4 35	2 58	7 19	1 51	2 15	25	9 23	9 50	4 14	4 42
149	29	Sat.	♓	4 35	2 51	7 19	2 21	3 16	26	10 16	10 43	5 9	5 35
150	30	**Sun.**	♓♈	4 34	2 42	7 20	2 52	4 16	27	11 11	11 38	6 2	6 30
151	31	Mon.	♈	4 34	2 34	7 21	3 26	5 19	28	— —	0 4	6 57	7 23

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H.	M.		
New Moon	3	10	42	P. M.	
First Quarter	10	9	20	P. M.	
Full Moon	17	8	47	P. M.	
Last Quarter	25	6	36	P. M.	

HOUSEKEEPING WRINKLES.

Clean caster bottles with shot.

To remove ink stains, soak in sour milk ver night.

Mix stove polish with vinegar and a tea- poonful of sugar.

Never allow fresh meat to remain in paper; absorbs the juices.

To remove tea stains from cups and sau- ers, scour with ashes.

To remove mildew, soak in buttermilk and pread on grass in the sun.

If nutmegs are good, when pricked with a in oil will instantly ooze out.

To prevent mustard-plasters from blister- ng, mix with the white of an egg.

To clean furniture that is not varnished, ub with a cloth wet with kerosene.

Mortar and paint may be removed from indow glass with hot, sharp vinegar.

Water in which borax is dissolved is good or the hair, and also to whiten the face and ands.

To beat the whites of eggs quickly, add a inch of salt. Salt cools, and cold eggs froth apidly.

White spots upon varnished furniture will isappear if you hold a hot plate from the tove over them.

Never put salt into soup when cooking till has been thoroughly skimmed, as salt pre- ents the scum from rising.

A tablespoonful of stewed tomato or tomato atsup added to the gravy of either roast or ried meats improves it greatly.

Cayenne pepper blown into the cracks here ants congregate will drive them away. he same remedy is also good for mice.

To remove grease from wall-paper, lay sev- ral folds of blotting-paper on the spot and old a hot iron near it until the grease is bsorbed.

You may avoid the unpleasantness to the yes when peeling onions by sitting in a raught of air or by an open window or oor while doing it.

If the wall about the stove has been moked by the stove, cover the black patches ith gum-shellac, and they will not strike rough either paint or kalsomine.

A good rule for baking potatoes is to wash nd boil them in the usual way till nearly one, and then finish by baking. They are hiter and mealier than when baked the ld way.

Always remove the contents of tin cans ie moment they are opened. It is positively angerous to leave canned goods in the open ins. The action of the air upon the solder- ig of the cans forms an oxide which ren- ers the food unfit for use, cases of poisoning om this cause being reported from time to me.

To test oleomargarine take a small bit of rd and place it between two pieces of thin, ommon window glass, each piece about an ch square, and press together until only a lm remains. When held up to the light hite, opaque spots are always to be seen. hese are crystals of fat. For the same reason leomargarine and butterine, containing, as ey do, solid fats, may be detected in the me manner. Pure butter, on the contrary, oes not show such specks. A little experi- ent with lard in this direction is an ex- ellent means of cultivating the eye and ualifying one to readily determine, when pplied to butters, the imitation from the enuine. This rule is practical enough, and said to be a sure one.

Wash the hair in cold sage tea.

To brighten and clean old alpaca, wash in coffee.

To brighten carpets, sprinkle with salt be- fore sweeping.

To polish a stove, rub with a newspaper instead of a brush.

When cooking beans add one-half tea- spoonful of saleratus.

For burns, apply flour wet with cold water, as it quickly gives relief.

When sponge-cake becomes dry it is nice to cut in thin slices and toast.

If the oven is too hot when baking, place a small dish of cold water in it.

To prevent flat-irons from scorching, wipe them on a cloth wet with kerosene.

To brighten or clean silver or nickel-plated ware, rub with a woolen cloth and flour.

Copperas mixed with the whitewash put upon the cellar walls will keep vermin away.

When there is a crack in the stove it can be mended by mixing ashes and salt with water.

To make paper stick to a wall that has been whitewashed, wash in vinegar or sale- ratus water.

When clothes are scorched, remove the stain by placing the garment where the sun can shine on it.

Starched shirts will iron easier if you let them dry after starching, so you will have to sprinkle them before ironing.

Milk, if put in an earthen jar, or even a tin can, will keep sweet for a long time if well wrapped in a wet cloth.

The wings of turkeys, geese and chickens are good to wash and clean windows, as they leave no dust nor lint, as cloth.

To brighten the inside of a coffee- or tea- pot, fill with water, add a small piece of soap, and let it boil about forty-five minutes.

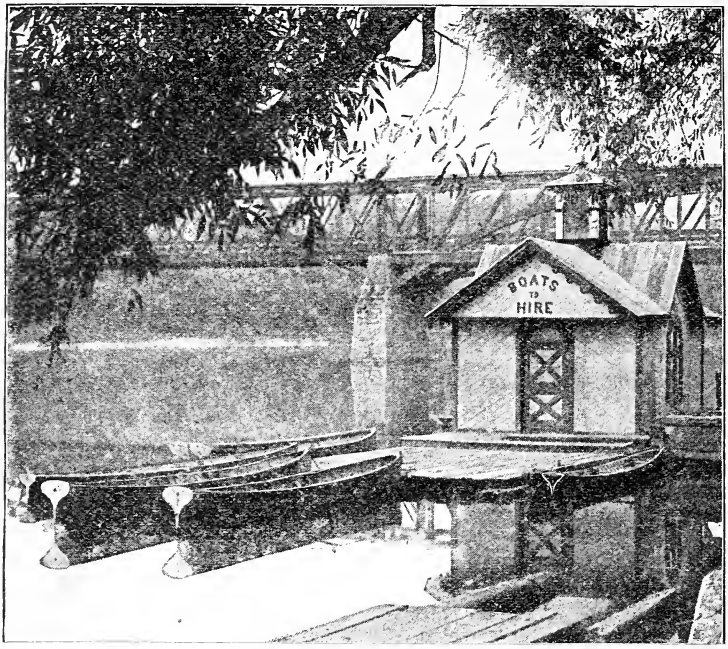
To exterminate bedbugs dissolve alum in water, and apply to the bedstead with a feather. Be careful not to touch the paint or varnish.

In boiling meat for soup put cold water to it, and let it come slowly to a simmer to ex- tract the juice. If meat is boiled for itself alone, put it into boiling water, which causes the outer surface to contract, and the rich- ness of the meat is retained within.

Flannel which has become yellow with use may be bleached by putting it for some days in a solution of hard soap to which strong ammonia has been added. The right proportions are one pound and a-half of hard-cured soap, fifty pounds of soft water and two-thirds of a pound of strong am- monia solution. The same object may be attained in a shorter time by placing the flannel for a quarter of an hour in a weak solution of bisulphate of sodium, to which a little hydrochloric acid has been added.

Grass stains may be removed by washing with alcohol. Fruit stains may be taken out by boiling water. Place the material over a basin or other vessel, and pour the boiling water from the kettle over the stains. Candle- grease yields to a warm iron. Place a piece of blotting or other absorbing paper under the absorbing fabric; put a piece of the pa- per also on the spot, apply the warm iron to the paper, and as soon as a spot of grease appears move the paper and press again until the spot disappears. Lard will remove wagon-grease. Rub the spot with the lard as if washing it, and when it is well out wash in the ordinary way with soap and water until thoroughly cleansed.

6th Month. JUNE. 30 Days.



BOAT HOUSE, FALLS OF SCHUYLKILL.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week	Moon's Constellation.	The Sun. Rises.	The Sun. Souths.	The Sun. Sets.	The Moon. Rises.	The Moon. Sets.	The Moon. Age.	The Tides, Philadelphia. High Tide.	The Tides, Philadelphia. High Tide.	The Tides, Philadelphia. Low Tide.	The Tides, Philadelphia. Low Tide.
				A. M.	B. N.	P. M.	A. M.	P. M.		A. M.	P. M.	A. M.	P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
152	1	Tue.	♌	4 33	2 25	7 22	4 6	6 24	29	0 30	0 54	7 49	8 13
153	2	Wed.	♌	4 33	2 15	7 22	4 53	7 29	0	1 16	1 39	8 35	8 58
154	3	Thu.	♌	4 32	2 6	7 23	5 45	8 30	1	2 5	2 31	9 24	9 50
155	4	Fri.	♍	4 32	1 56	7 24	6 43	9 26	2	2 57	3 23	10 16	10 42
156	5	Sat.	♍	4 32	1 45	7 25	7 47	10 18	3	3 49	4 16	11 8	11 35
157	6	Sun.	♎	4 32	1 34	7 25	8 53	11 4	4	4 43	5 9	— —	0 2
158	7	Mon.	♎	4 31	1 23	7 26	10 2	11 43	5	5 34	5 58	0 28	0 53
159	8	Tue.	♎	4 31	1 12	7 26	11 10	A. M.	6	6 24	6 50	1 17	1 43
160	9	Wed.	♏	4 31	1 0	7 27	0 18	0 21	7	7 16	7 45	2 9	2 35
161	10	Thu.	♏	4 31	0 49	7 27	1 24	0 57	8	8 17	8 49	3 4	3 36
162	11	Fri.	♏	4 31	0 37	7 28	2 30	1 31	9	9 19	9 49	4 8	4 38
163	12	Sat.	♐	4 31	0 24	7 28	3 34	2 6	10	10 19	10 48	5 8	5 38
164	13	Sun.	♐	4 31	0 12	7 29	4 37	2 43	11	11 16	11 44	6 7	6 35
165	14	Mon.	♐	4 31	P. M.	7 29	5 37	3 21	12	— —	0 10	7 3	7 29
166	15	Tue.	♑	4 31	0 13	7 29	6 33	4 2	13	0 35	0 57	7 54	8 16
167	16	Wed.	♑	4 31	0 26	7 30	7 27	4 47	14	1 18	1 40	8 37	8 59
168	17	Thu.	♑	4 31	0 39	7 30	8 18	5 37	15	2 3	2 25	9 22	9 44
169	18	Fri.	♑	4 31	0 51	7 31	9 4	6 30	16	2 47	3 9	10 6	10 28
170	19	Sat.	♒	4 31	1 4	7 31	9 42	7 24	17	3 30	3 51	10 49	11 10
171	20	Sun.	♒	4 31	1 17	7 31	10 17	8 18	18	4 11	4 32	11 30	11 51
172	21	Mon.	♒	4 31	1 30	7 31	10 49	9 15	19	4 52	5 12	— —	0 11
173	22	Tue.	♓	4 32	1 43	7 32	11 21	10 10	20	5 32	5 52	0 31	0 51
174	23	Wed.	♓	4 32	1 56	7 32	11 51	11 5	21	6 12	6 33	1 11	1 31
175	24	Thu.	♓	4 32	2 9	7 32	A. M.	0 3	22	6 54	7 16	1 52	2 13
176	25	Fri.	♓	4 32	2 22	7 32	0 20	1 0	23	7 40	8 7	2 35	2 59
177	26	Sat.	♈	4 33	2 34	7 32	0 51	2 0	24	8 36	9 5	3 26	3 55
178	27	Sun.	♈	4 33	2 47	7 32	1 24	3 1	25	9 35	10 5	4 24	4 54
179	28	Mon.	♉	4 34	2 59	7 32	2 1	4 5	26	10 35	11 5	5 24	5 54
180	29	Tue.	♉	4 34	3 11	7 32	2 42	5 9	27	11 35	— —	6 24	6 54
181	30	Wed.	♉	4 35	3 23	7 32	3 30	6 13	28	0 4	0 33	7 23	7 52

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H.	M.		
☽ New Moon . .	2	8	55	A. M.	
☽ First Quarter .	9	2	27	A. M.	
○ Full Moon . .	16	8	39	A. M.	
☾ Last Quarter .	24	11	35	A. M.	

AMERICAN HEIRS TO ENGLISH ESTATES.

While there is in England sundry small estates, or sums of money, awaiting claim by American heirs, it is safe to say that not one mill of every thousand dollars announced by sensational papers or sharp lawyers as awaiting the appearance of American "families," or "associations," has an actual existence. A partial list of these "phantom fortunes" foots up $4,000,000,000. Minister Phelps has received so many applications for information and assistance in looking up these "estates" that he has been compelled to prepare a printed form to be sent to such correspondents, as follows:

LEGATION OF THE UNITED STATES,
LONDON, ———, 188 .

In reply to yours of ——— touching a supposed estate or property of large amount in England, belonging to the ——— family, I have to say that so many similar letters are received at this legation that I am compelled to answer them by printed circular.

The pretended prosecution of these pretended American claims to English property is carried on with such persistence and ingenuity by the men engaged in it that I despair of being able to make their credulous victims understand what an utter imposture and delusion the whole business is.

I cannot too strongly advise you, since you have addressed me on the subject, to have nothing to do with such schemes, and especially to remit no money to their agents. But if disinclined (as you probably will be) to accept this advice, I can only say it is all the services in my power to render you in the matter, or which, if rendered, would do you any good.

I should add further that, under the instructions of the State Department of the United States, the legation would not be allowed to take part in the investigation of such claims, even were they supposed to be well founded in point of fact, except in pursuance of specific authority from that department. I am,

Your obedient servant,
———, U. S. Minister.

WHEN THE WAR CLOSED.

The Adjutant-General's Office, in a letter to General Carleton of February 24, 1883, uses this expression: "The Supreme Court of the United States has decided that the war of the rebellion closed on August 20, 1866, the date on which the President issued his proclamation declaring the insurrection at an end." And Secretary Lincoln, referring to the same subject, reminded the Senate Committee on Military Affairs that "the Supreme Court of the United States, in the case of the Protector, 12 Wall., 700, held that the war ended in all the United States, except Texas, on April 2, 1866, and in Texas on August 20, 1866."

THE GREAT EASTERN.

The Great Eastern, first known as the Leviathan, was launched January 31, 1858. She was 680 feet long, 83 feet beam, 58 feet deep, and she registered 28,093 tons, English custom house measurement. She sailed from Southampton at 8 A. M., of Sunday, June 18, 1858, and passed Sandy Hook lightship at 7 A. M. (ship's time), Thursday, June 28.

FAST OCEAN PASSAGES.

The Cunard steamer Etruria holds the championship of the Atlantic, having made the fastest ocean passage each way, in August, 1885. On the 7th she arrived off the Fastnet Light, from Sandy Hook, in 6 d. 5 h. 35 m. Returning, she left Queenstown, August 16, and made the run to Sandy Hook in 6 d. 5 h. 46 m. From Fastnet to Queenstown the run is 2 h. 47 m. On several days the steamer ran 465 miles in the twenty-four hours, showing about the same speed as an ordinary railroad train, say 20 miles an hour. The following table shows some of the fast passages made before the Etruria changed the record:

	To New York.			To Queenstown.		
	D.	H.	M.	D.	H.	M.
Oregon	6	10	10	6	15	57
America	6	15	41	6	14	18
Alaska	6	21	40	6	18	37
Servia	7	0	55	7	1	25
Urania	7	7	0	7	10	54
Britannic	7	7	11	7	12	41
Arizona	7	8	32	7	7	48
Austral	7	16	0	7	9	0
Gallia	7	16	32	7	18	32

AGE WHEN INAUGURATED.

The various Presidents were inaugurated at the following ages:

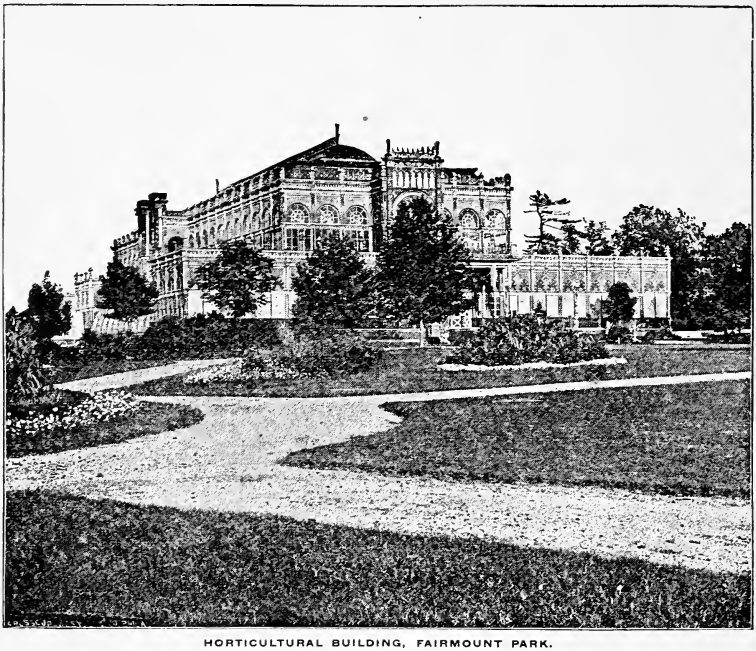
	Years.	Months.	Days.
Washington	57	2	10
Adams (J.)	61	4	15
Jefferson	57	11	2
Madison	57	11	18
Monroe	58	10	6
Adams (J. Q.)	57	8	23
Jackson	61	11	19
Van Buren	54	5	29
Harrison	68	—	25
Tyler	51	—	7
Polk	49	4	2
Taylor	64	3	11
Fillmore	50	6	3
Pierce	49	3	11
Buchanan	65	8	11
Lincoln	52	1	22
Johnson	56	3	15
Grant	46	10	7
Hayes	54	5	—
Garfield	49	3	15
Arthur	51	6	5
Cleveland	47	11	16

HOW TO AIR BEDS.

The most effectual way to air beds and bed clothing is to throw the clothes over a chair and lift the mattress partly over the footboard in a round, hoop-like fashion, and if a feather bed is used pull it off upon a chair. Then open the windows and door so that a current of air can pass through the room, and let it remain so for two or three hours, or even longer. Beds thus aired are always healthful, and will induce sound sleep in their occupants. Each member of the family should be trained to do this daily, and never allowed to leave the room until it is so arranged. Boys as well as girls can be taught to do this, and they will reap the benefit of it through their lives, and be sure to have their children trained in the same way.

IF a bedstead creaks at each movement of the sleeper, remove the slats and wrap the end of each in old newspaper. This will prove a complete silencer.

7th Month. JULY. 31 Days.



HORTICULTURAL BUILDING, FAIRMOUNT PARK.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun. Rises.	The Sun. Souths.	The Sun. Sets.	The Moon. Rises.	The Moon. Sets.	The Moon. Age.	The Tides, Philadelphia. High Tide.	The Tides, Philadelphia. High Tide.	The Tides, Philadelphia. Low Tide.	The Tides, Philadelphia. Low Tide.
				A. M.	P. M.	P. M.	A. M.	P. M.		A. M.	P. M.	A. M.	P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
182	1	Thu.	♋	4 35	3 35	7 32	4 26	7 14	0	0 59	1 24	8 18	8 43
183	2	Fri.	♋	4 36	3 47	7 31	5 29	8 9	1	1 50	2 17	9 9	9 36
184	3	Sat.	♋ ♌	4 36	3 58	7 31	6 37	8 58	2	2 44	3 11	10 3	10 30
185	4	**Sun.**	♌	4 37	4 9	7 31	7 47	9 43	3	3 37	4 2	10 56	11 21
186	5	Mon.	♌	4 38	4 19	7 31	8 58	10 24	4	4 28	4 53	11 47	— —
187	6	Tue.	♌ ♍	4 38	4 29	7 31	10 8	11 0	5	5 17	5 41	0 12	0 36
188	7	Wed.	♍	4 39	4 39	7 30	11 15	11 35	6	6 5	6 29	1 0	1 24
189	8	Thu.	♍	4 39	4 49	7 30	0 22	A. M.	7	6 54	7 20	1 48	2 13
190	9	Fri.	♍ ♎	4 40	4 58	7 30	1 26	0 10	8	7 49	8 20	2 39	3 8
191	10	Sat.	♎	4 41	5 6	7 30	2 29	0 44	9	8 52	9 23	3 39	4 11
192	11	**Sun.**	♎	4 41	5 14	7 29	3 31	1 22	10	9 53	10 22	4 42	5 12
193	12	Mon.	♎ ♏	4 42	5 22	7 29	4 29	2 2	11	10 51	11 20	5 41	6 10
194	13	Tue.	♏	4 42	5 29	7 28	5 23	2 45	12	11 47	— —	6 39	7 6
195	14	Wed.	♏ ♐	4 43	5 36	7 28	6 14	3 32	13	0 13	0 37	7 32	7 56
196	15	Thu.	♐	4 44	5 42	7 27	6 59	4 23	14	0 59	1 19	8 18	8 38
197	16	Fri.	♐	4 45	5 48	7 27	7 41	5 16	15	1 38	1 59	8 57	9 18
198	17	Sat.	♐	4 45	5 53	7 26	8 19	6 11	16	2 21	2 41	9 40	10 0
199	18	**Sun.**	♐	4 46	5 57	7 26	8 54	7 7	17	3 1	3 21	10 20	10 40
200	19	Mon.	♐ ♑	4 47	6 2	7 25	9 25	8 2	18	3 40	4 0	10 59	11 19
201	20	Tue.	♑	4 48	6 5	7 24	9 54	8 57	19	4 19	4 39	11 38	11 58
202	21	Wed.	♑	4 49	6 8	7 23	10 23	9 54	20	4 58	5 17	— —	0 17
203	22	Thu.	♑	4 49	6 11	7 23	10 52	10 49	21	5 37	5 57	0 36	0 56
204	23	Fri.	♑ ♒	4 50	6 13	7 22	11 23	11 48	22	6 18	6 39	1 16	1 37
205	24	Sat.	♒	4 51	6 14	7 21	11 57	0 47	23	7 2	7 27	1 58	2 21
206	25	**Sun.**	♒ ♓	4 52	6 15	7 20	A. M.	1 47	24	7 55	8 26	2 46	3 14
207	26	Mon.	♓	4 53	6 15	7 19	0 35	2 50	25	8 59	9 32	3 45	4 18
208	27	Tue.	♓ ♈	4 54	6 15	7 19	1 19	3 53	26	10 5	10 38	4 51	5 24
209	28	Wed.	♈	4 55	6 14	7 18	2 9	4 54	27	11 11	11 44	5 57	6 30
210	29	Thu.	♈	4 56	6 12	7 17	3 6	5 53	28	— —	0 15	7 3	7 34
211	30	Fri.	♈ ♉	4 57	6 10	7 16	4 11	6 46	29	0 43	1 10	8 2	8 29
212	31	Sat.	♉	4 58	6 7	7 15	5 23	7 34	0	1 36	2 2	8 55	9 21

MOON'S PHASES. (Eastern Standard Time.)

	D.	H.	M.	
New Moon	1	5	6	P. M.
First Quarter	8	8	18	A. M.
Full Moon	15	10	9	P. M.
Last Quarter	24	2	21	A. M.
New Moon	31	0	26	A. M.

THE NEW MARRIAGE LAW.

On October 1, 1885, the new marriage law went into effect. It provides that no person in this Commonwealth shall be joined in marriage until a license shall have been obtained for that purpose from the Clerk of the Orphans' Court in the county where the marriage is performed, and for which license the Clerk is allowed to charge 50 cents. The license shall have appended to it two certificates, which shall be filled out by the person solemnizing the marriage. One is to be given to the persons married and the other must be returned to the Clerk of the Orphans' Court by the minister, justice or alderman, within thirty days, under a penalty of $50. The Clerk of the Orphans' Court must then enter the same upon his docket. The Clerk is obliged to inquire of the party applying for a license an oath or affirmation relative to the legality of the contemplated marriage. If there be no legal impediment, then he shall grant the license. If the person making application is under twenty-one years of age, the consent of the parent or guardian shall be personally given before the Clerk, or certified under the hand of the parent or guardian, attested by two adult witnesses. If any minister, justice or other officer or person shall solemnize the marriage ceremony or shall be attesting witnesses to the same within this Commonwealth, without the proper license having been obtained, they will be liable to a penalty of $100. Any judge, justice or clergyman who performs the marriage ceremony between parties when either of the latter is intoxicated may be deemed guilty of misdemeanor, and upon conviction thereof shall pay a fine of $50 and be imprisoned, at the discretion of the Court, not exceeding sixty days. The following marriages are prohibited by law:

1. Between parties who have not arrived at the age of consent (fourteen years in males and twelve in females).

2. Where there is anything that prevents the making of a legal contract, namely: want of sufficient understanding, as in the case of idiots, lunatics, or persons intoxicated, or where consent has been obtained by fraud or threats.

3. Where one or both of the parties have been already married, and—(*a*) have living, undivorced, a husband or wife; (*b*) have living, divorced from bed and board only, a husband or wife; or (*c*) have living, divorced absolutely, a husband or wife, but the divorce was granted on the ground of adultery, and the party now seeking to be joined in marriage with such divorced person is the one with whom the adultery was committed.

4. Marriages within the following degrees of consanguinity: A man may not marry his mother, his father's sister, his mother's sister, his sister, his daughter, nor the daughter of his son or daughter. A woman may not marry her father, her father's brother, her mother's brother, her brother, her son, nor the son of her son or daughter.

5. Marriages within the following degrees of affinity: A man may not marry his father's wife, his son's wife, his son's daughter, his wife's daughter, nor the daughter of his wife's son or daughter. A woman may not marry her mother's husband, her daughter's husband, her husband's son, nor the son of her husband's son or daughter.

UNION DEATHS IN THE CIVIL WAR.

According to figures compiled by the Adjutant-General, the deaths in the Union army during the war numbered 359,496. The period included in the record is, for the regular troops, the interval between April 15, 1861, and August 1, 1865; for a portion of the volunteers it is prolonged beyond the latter date until the muster-out of each organization. The last white volunteer organization was disbanded November 18, 1867, and the last colored regiment December 20, 1867, while the last officer of the volunteer general staff was not mustered out until July 1, 1869.

The death registers of some of the largest prisons at the South, used for the confinement of Union soldiers, are missing. For the prisons at Americus, Atlanta, Augusta, Charleston, Lynchburg, Macon, Marietta, Mobile, Montgomery, Savannah, Shreveport, and Tyler, the registers have not been secured at all, and the importance of these prisons is well known. Only partial records were had from the prisons at Cahawba, Columbia, Florence, S. C., Millen, and Salisbury. There have been ways, it is true, of partly working up these deficiencies; but in many Southern prisons three or four corpses of Union prisoners were sometimes buried in the same trench, and the number of graves only imperfectly indicates the number of dead. Even in this most imperfect record the number of Union soldiers known to have died in captivity was 29,498. The investigation has increased by about one-sixth the records of deaths among Union prisoners.

The following table gives the figures of the Adjutant-General's office in a condensed form:

	Officers.	Men.	Aggregate.
Killed or died of wounds	6,365	103,673	110,038
Died of disease	2,795	221,791	224,586
Drowned	106	4,838	4,944
Other accidental deaths	142	3,972	4,114
Murdered	37	487	524
Killed after capture	14	86	100
Committed suicide	26	365	391
Executed	—	267	267
Executed by enemy	4	60	64
Died from sunstroke	5	308	313
Other known causes	62	1,972	2,034
Causes not stated	28	12,093	12,121
Totals	9,584	349,912	359,496

The following table will also be found of interest:

STATES.	Killed in Action.		Died of Wounds.		Died of Disease.		Aggregate.	Grand Aggregate.
	Off.	Men.	Off.	Men.	Off.	Men.		
Delaware	18	189	11	165	10	346	739	—
Prisoners	—	—	—	—	—	75	75	814
New Jersey	114	1550	33	828	27	2388	5232	—
Prisoners	—	—	5	48	1	418	522	5754
Pennsylvania	608	8772	268	5315	181	11602	28420	—
Prisoners	—	—	8	352	7	4114	4763	33183

CARPET should be thoroughly beaten on the wrong side first, and then on the right side, after which spots may be removed by the use of ox-gall or ammonia and water.

8th Month. AUGUST. 31 Days.

TOWPATH AT BELMONT.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun. Rises. A. M.	The Sun. Souths. P. M.	The Sun. Sets. P. M.	The Moon. Rises. A. M.	The Moon. Sets. P. M.	The Moon. Age.	The Tides, Philadelphia. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
213	1	**Sun.**	♌	4 58	6 4	7 13	6 37	8 18	1	2 28	2 53	9 47	10 12
214	2	Mon.	♌	4 59	6 0	7 12	7 49	8 59	2	3 18	3 43	10 37	11 2
215	3	Tue.	♍	5 0	5 56	7 11	9 0	9 35	3	4 8	4 32	11 27	11 51
216	4	Wed.	♍	5 1	5 50	7 10	10 9	10 10	4	4 56	5 20	— —	0 15
217	5	Thu.	♍	5 2	5 45	7 9	11 17	10 46	5	5 43	6 6	0 39	1 2
218	6	Fri.	♎	5 3	5 38	7 8	0 22	11 23	6	6 30	6 56	1 25	1 49
219	7	Sat.	♎	5 4	5 31	7 7	1 25	A. M.	7	7 23	7 51	2 15	2 42
220	8	**Sun.**	♍	5 5	5 24	7 6	2 23	0 2	8	8 22	8 54	3 10	3 41
221	9	Mon.	♍	5 6	5 15	7 5	3 19	0 44	9	9 25	9 55	4 13	4 44
222	10	Tue.	♐	5 7	5 7	7 3	4 11	1 30	10	10 24	10 53	5 14	5 43
223	11	Wed.	♐	5 8	4 57	7 2	4 59	2 19	11	11 21	11 47	6 12	6 40
224	12	Thu.	♐	5 9	4 47	7 0	5 41	3 10	12	— —	0 12	7 6	7 31
225	13	Fri.	♑	5 10	4 37	6 59	6 19	4 3	13	0 35	0 55	7 54	8 14
226	14	Sat.	♑	5 11	4 26	6 58	6 54	4 59	14	1 14	1 34	8 33	8 53
227	15	**Sun.**	♒	5 12	4 14	6 56	7 26	5 56	15	1 53	2 12	9 12	9 31
228	16	Mon.	♒	5 13	4 2	6 55	7 56	6 51	16	2 31	2 50	9 50	10 9
229	17	Tue.	♒	5 14	3 49	6 53	8 27	7 47	17	3 9	3 28	10 28	10 47
230	18	Wed.	♓	5 15	3 36	6 52	8 56	8 44	18	3 46	4 5	11 5	11 24
231	19	Thu.	♓	5 16	3 23	6 51	9 25	9 40	19	4 25	4 45	11 44	— —
232	20	Fri.	♈	5 17	3 9	6 50	9 57	10 38	20	5 5	5 26	0 4	0 24
233	21	Sat.	♈	5 17	2 54	6 48	10 33	11 36	21	5 47	6 9	0 45	1 6
234	22	**Sun.**	♈	5 18	2 39	6 47	11 13	0 37	22	6 32	6 56	1 28	1 51
235	23	Mon.	♉	5 19	2 24	6 46	11 58	1 38	23	7 24	7 56	2 15	2 43
236	24	Tue.	♉	5 20	2 8	6 44	A. M.	2 38	24	8 29	9 5	3 15	3 48
237	25	Wed.	♊	5 21	1 52	6 43	0 50	3 37	25	9 41	10 16	4 24	5 0
238	26	Thu.	♊	5 22	1 35	6 41	1 50	4 31	26	10 51	11 24	5 35	6 10
239	27	Fri.	♋	5 23	1 18	6 40	2 56	5 22	27	11 56	— —	6 43	7 15
240	28	Sat.	♋	5 24	1 1	6 38	4 8	6 7	28	0 26	0 54	7 45	8 13
241	29	**Sun.**	♌	5 25	0 43	6 36	5 22	6 49	0	1 19	1 42	8 38	9 1
242	30	Mon.	♌	5 26	0 25	6 35	6 36	7 28	1	2 6	2 32	9 25	9 51
243	31	Tue.	♍	5 27	0 7	6 33	7 49	8 6	2	2 57	3 21	10 16	10 40

MOON'S PHASES. (Eastern Standard Time.)

	D.	H.	M.	
☽ First Quarter	6	4	6	P. M.
Full Moon	14	1	24	P. M.
☾ Last Quarter	22	2	42	P. M.
New Moon	29	7	54	A. M.

THE LAW OF THE ROAD.

The law of the road was the subject of an interesting opinion filed by Judge Biddle on the 16th of March, 1885, in refusing a new trial of the suit brought by Henry Brooks against Moulton Thomas to recover damages for injuries to the plaintiff's wagon in a collision with that of the defendant. "There is no rule of law," said the Judge, "which requires a traveler to drive over any particular part of a public highway. He can drive over the middle, or on either side, no matter in what direction he may be going. What is called the 'law of the road' is that persons meeting on a highway must each keep to the right. This rule is modified in the case of a footman or horseman, who cannot compel a teamster with a heavy load to turn out of the beaten track. If the horseman, or a light vehicle, can pass with safety on the left of a heavily laden team, it is his duty to give way and leave the choice to the more unwieldly vehicle. In the present case the defendant was on the left-hand side of the highway, with room between him and the curb for a carriage coming in the opposite direction to pass him if the driver of it kept to the right. The plaintiff, coming from the opposite direction, had a right of way on the railway track; but instead of keeping on that track he straddled one of the rails, having thus but one wheel on the track. It was his duty to follow the 'law of the road,' which regulates the conduct of those not driving on the track. Instead of keeping to the right he kept to the left, and his right wheel came in contact with the defendant's right wheel. The jury having found the defendant guilty of no negligence, gave a verdict in his favor. This verdict we see no reason to disturb."

HANDY THINGS TO KNOW.

Here are some figures and rules very handy to know and have at hand, in the mind or on paper;

A rod is 16½ feet, or 5½ yards.
A mile is 320 rods.
A mile is 1760 yards.
A mile is 5280 feet.
A square foot is 144 square inches.
A square yard contains 9 square feet.
A square rod is 272¼ square feet.
An acre contains 43,560 square feet.
An acre contains 4840 square yards.
An acre contains 160 square rods.
A section, or square mile, contains 640 acres.
A quarter section contains 160 acres.
An acre is 8 rods wide by 20 rods long.
An acre is 10 rods wide by 16 rods long.
An acre is about 208¾ feet square.
A solid foot contains 1728 solid inches.
A pint (of water) weighs 1 pound.
A solid foot of water weighs 62½ pounds.
A gallon (of water) holds 231 solid inches.
A gallon of milk weighs 8 pounds and 10 ounces.
A pint (of water) holds 28⅞ solid inches (28.875).
A barrel (31½ gallons) holds 4½ solid feet (4.211).
A solid foot contains nearly 7½ solid pints (7.48).
A bushel (struck) contains 2150 solid inches.
A bushel (heaping) contains 1¼ struck bushels.
A struck bushel contains about 1¼ solid feet.

SOMETHING ABOUT SUNSTROKE.

Prevention—Don't lose your sleep; sleep in a cool place; don't worry; don't get excited; don't drink too much alcohol; avoid working in the sun if you can; if indoors, work in a well-ventilated room; wear thin clothes; wear a light hat, not black; put a large green leaf or wet cloth in it; drink water freely and sweat freely; if fatigued or dizzy, knock off work, lie down in a cool place, and apply cold water and cold cloths to your head and neck.

Cure—Put the patient in the shade; loosen his clothes about the neck; send for the nearest doctor; give the patient cool drinks of water or black tea or black coffee, if he can swallow. If his skin is hot and dry prop him up, sitting against a tree or wall; pour cold water over the body and limbs, and put on his head pounded ice wrapped in a cloth or towel. If you can't get ice, use a wet cloth, and keep freshening it. But if the patient is pale and faint, and his pulse is feeble, lay him on his back, make him smell hartshorn for a few seconds, or give him a teaspoonful of aromatic spirits of ammonia or tincture of ginger in two tablespoonfuls of water. In this case use no cold water, but rub the hands and feet and warm them by hot applications until the circulation is restored.

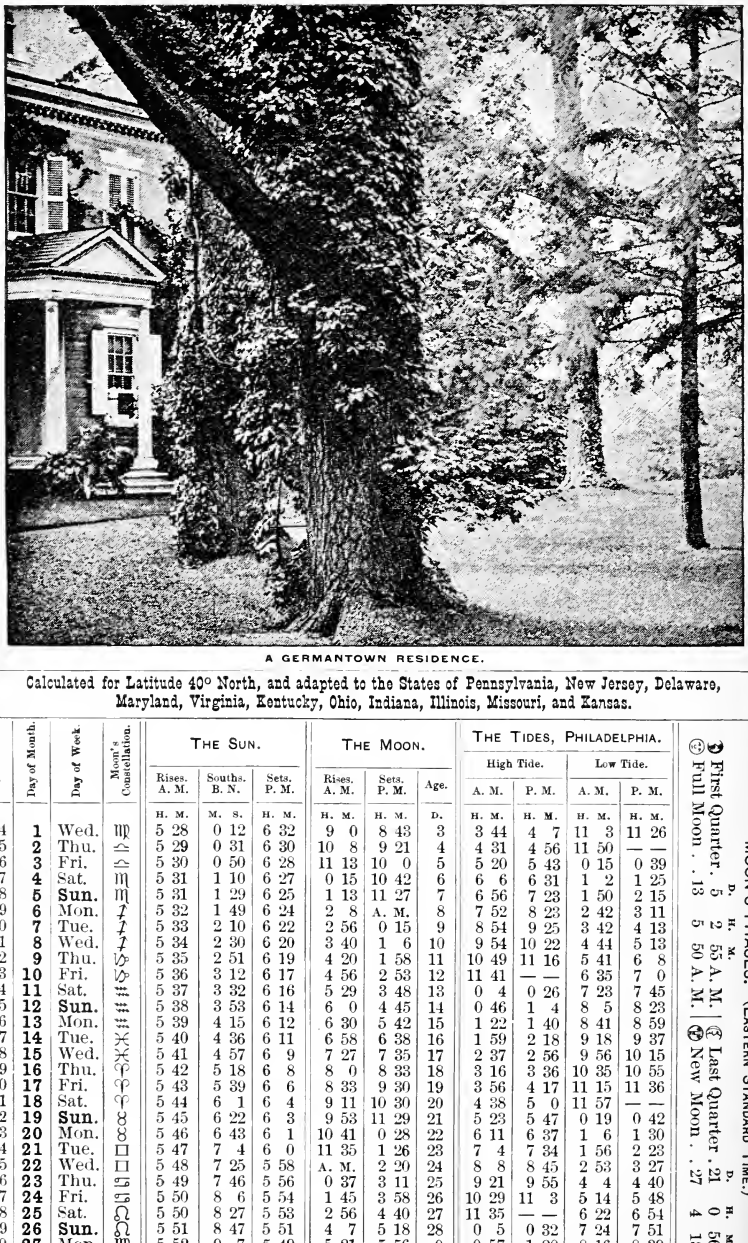
REMOVING SPOTS FROM BOOKS.

Grease spots, if old, may be removed from books by applying a solution of varying strength of caustic potash upon the back of the leaf. The printing, which looks somewhat faded after the removal of the spot, may be freshened up by the application of a mixture of one part of muriatic acid and twenty-five parts of water. In the case of fresh grease spots, carbonate of potassa (one part to thirty parts of water), chloroform, ether or benzine renders good service. Wax disappears if, after saturating with benzine or turpentine, it is covered with folded blotting-paper and a hot flatiron put upon it. Paraffine is removed by boiling water or hot spirits. Ink spot or rust yields to oxalic acid in combination with hot water; chloride of gold or silver spots, to a weak solution of corrosive sublimate or cyanide of potassium. Sealing wax is dissolved by hot spirits, and then rubbed off with ossa sepia. India ink is slightly brushed over with oil, and, after twelve hours, saponified with salmiac; any particles of color still remaining must be removed with rubber.

SAND BAG FOR THE SICK ROOM.

One of the most convenient articles to be used in a sick room is a sand bag. Get some clean, fine sand, dry it thoroughly in a kettle on the stove; make a bag, about eight inches square, of flannel; fill it with the dry sand, sew the opening carefully together, and cover the bag with cotton or linen. This will prevent the sand from sifting out, and will also enable you to heat the bag quickly by placing it in the oven or even on top of the stove. After once using this you will never again attempt to warm the feet or hands of a sick person with a bottle of hot water or a brick. The sand holds the heat a long time, and the bag can be tucked up to the back without hurting the invalid. It is a good plan to make two or three of the bags and keep them on hand, ready for use at any time when needed.

9th Month. SEPTEMBER. 30 Days.



A GERMANTOWN RESIDENCE.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun. Rises. A. M.	The Sun. Souths. B. N.	The Sun. Sets. P. M.	The Moon. Rises. A. M.	The Moon. Sets. P. M.	The Moon. Age.	The Tides, Philadelphia. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
244	**1**	Wed.	♍	5 28	0 12	6 32	9 0	8 43	3	3 44	4 7	11 3	11 26
245	**2**	Thu.	♎	5 29	0 31	6 30	10 8	9 21	4	4 31	4 56	11 50	— —
246	**3**	Fri.	♎	5 30	0 50	6 28	11 13	10 0	5	5 20	5 43	0 15	0 39
247	**4**	Sat.	♏	5 31	1 10	6 27	0 15	10 42	6	6 6	6 31	1 2	1 25
248	**5**	**Sun.**	♏	5 31	1 29	6 25	1 13	11 27	7	6 56	7 23	1 50	2 15
249	**6**	Mon.	♐	5 32	1 49	6 24	2 8	A. M.	8	7 52	8 23	2 42	3 11
250	**7**	Tue.	♐	5 33	2 10	6 22	2 56	0 15	9	8 54	9 25	3 42	4 13
251	**8**	Wed.	♐	5 34	2 30	6 20	3 40	1 6	10	9 54	10 22	4 44	5 13
252	**9**	Thu.	♑	5 35	2 51	6 19	4 20	1 58	11	10 49	11 16	5 41	6 8
253	**10**	Fri.	♑	5 36	3 12	6 17	4 56	2 53	12	11 41	— —	6 35	7 0
254	**11**	Sat.	♒	5 37	3 32	6 16	5 29	3 48	13	0 4	0 26	7 23	7 45
255	**12**	**Sun.**	♒	5 38	3 53	6 14	6 0	4 45	14	0 46	1 4	8 5	8 23
256	**13**	Mon.	♓	5 39	4 15	6 12	6 30	5 42	15	1 22	1 40	8 41	8 59
257	**14**	Tue.	♓	5 40	4 36	6 11	6 58	6 38	16	1 59	2 18	9 18	9 37
258	**15**	Wed.	♈	5 41	4 57	6 9	7 27	7 35	17	2 37	2 56	9 56	10 15
259	**16**	Thu.	♈	5 42	5 18	6 8	8 0	8 33	18	3 16	3 36	10 35	10 55
260	**17**	Fri.	♉	5 43	5 39	6 6	8 33	9 30	19	3 56	4 17	11 15	11 36
261	**18**	Sat.	♉	5 44	6 1	6 4	9 11	10 30	20	4 38	5 0	11 57	— —
262	**19**	**Sun.**	♊	5 45	6 22	6 3	9 53	11 29	21	5 23	5 47	0 19	0 42
263	**20**	Mon.	♊	5 46	6 43	6 1	10 41	0 28	22	6 11	6 37	1 6	1 30
264	**21**	Tue.	♋	5 47	7 4	6 0	11 35	1 26	23	7 4	7 34	1 56	2 23
265	**22**	Wed.	♋	5 48	7 25	5 58	A. M.	2 20	24	8 8	8 45	2 53	3 27
266	**23**	Thu.	♌	5 49	7 46	5 56	0 37	3 11	25	9 21	9 55	4 4	4 40
267	**24**	Fri.	♌	5 50	8 6	5 54	1 45	3 58	26	10 29	11 3	5 14	5 48
268	**25**	Sat.	♌	5 50	8 27	5 53	2 56	4 40	27	11 35	— —	6 22	6 54
269	**26**	**Sun.**	♍	5 51	8 47	5 51	4 7	5 18	28	0 5	0 32	7 24	7 51
270	**27**	Mon.	♍	5 52	9 7	5 49	5 21	5 56	0	0 57	1 20	8 16	8 39
271	**28**	Tue.	♎	5 53	9 27	5 47	6 35	6 34	1	1 44	2 8	9 3	9 27
272	**29**	Wed.	♎	5 54	9 46	5 46	7 46	7 14	2	2 32	2 56	9 51	10 15
273	**30**	Thu.	♎	5 56	10 6	5 44	8 54	7 53	3	3 19	3 43	10 38	11 2

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H.	M.		D.	H.	M.
☽ First Quarter .	5	2	55 A. M.	☾ Last Quarter .	21	0	56 A. M.
○ Full Moon . .	13	5	50 A. M.	● New Moon . .	27	4	18 P. M.

PRACTICAL HINTS AND RECIPES.

A hot, strong lemonade, taken at bedtime, will break up a bad cold.

A cup of strong coffee will remove the odor of onions from the breath.

A knife or borer moistened with a strong solution of caustic soda or potash will cut india-rubber quite easily.

Intense thirst is satiated by wading in water or by keeping the clothing saturated with water, even if it is taken from the sea.

A simple remedy for neuralgia is to apply grated horseradish, prepared the same as for table use, to the temple when the face or head is affected, or to the wrist when the pain is in the arm or shoulder.

Waterproof paper and pasteboard as strong as parchment are now made by treating the sheets with a solution of oxide of copper in ammonia, so as to partially dissolve a thin film of the paper, which is then dried.

Gilt frames may be cleaned by simply washing with a small sponge wet with hot spirits of wine, or oil of turpentine—not too wet, but sufficiently to take off the dirt and fly-marks. They should not be afterward wiped, but left to dry of themselves.

A writer in the *British Medical Journal* declares that the elevation of the head of the bed, by placing under each leg a block of wood the thickness of two bricks, is an effective remedy for cramps. Patients who have suffered at night, crying aloud with pain, have found this plan to afford immediate, certain and permanent relief.

Water cannot satisfy the thirst which attends cholera, dysentery, diarrhea and some other forms of disease—in fact, drinking cold water seems to increase the thirst and induce other disagreeable sensations; but this thirst will be perfectly and pleasantly subdued by eating a comparatively small amount of ice, swallowing it in as large pieces as practicable, and as much as is wanted.

A pleasant summer drink is made by the following recipe:—Boil half an ounce of hops, half an ounce of ginger root, bruised, in one and one-half gallons of water for twenty-five minutes. Add one pound of brown sugar, and boil ten minutes longer; then strain and bottle while hot. When cold it will be ready for use. It must be kept in a cool place. Dried horehound may be used instead of hops.

If the kitchen floor is not of hard wood have it painted. Venetian red, ochre or raw sienna, ground in oil, are the best colors. They must be of standard make, and it is well to give three coats at the first time of painting. Two coats are absolutely necessary. If the walls are painted, let a coat of damar varnish be applied. There will be no difficulty then in keeping them sweet and clean, as soap and water may be applied without showing streaks.

Rust can be removed from steel as follows:—Rub the article with kerosene oil and leave it to soak for a day. Then procure fine flour of emery and mix with kerosene oil and scour the surface, finishing with rotten stone. To preserve from rust, heat the steel and rub paraffine on it, and when cold polish with a cloth dipped in paraffine. No steel articles should be kept in a cellar or damp place, but in a dry attic or closet. If they must be kept in a cellar they should be well coated with paraffine and wrapped in cloth or paper; oiled paper would be preferable.

A cup of hot water drank before meals will prevent nausea and dyspepsia.

If warts are occasionally touched with acetic acid it is said they will go away.

A putty of starch and chloride of zinc hardens quickly, and lasts as a stopper of holes in metals for months.

To exercise in weariness, increased by every step, is not only not beneficial, it is useless, and worse than useless—it is positively destructive.

No one can possibly sink if the head is thrust entirely under water. In this position a novice can swim as easily as walk, and get to shore readily by lifting the head at intervals for breath.

A writer in *Hygiene Pratique* states that boots and shoes may be rendered waterproof by soaking them for some hours in thick soapwater. The compound forms a fatty acid within the leather, and makes it impervious to water.

To cure a cold—Pour about half a pint of boiling hot water over about a dram of pulverized camphor, and inhale the vapors arising therefrom ten to twenty minutes. Great relief is at once experienced, and after two or three repetitions the discomfort is said to disappear entirely.—*El Siglo Medico.*

To polish plate-glass and remove slight scratches, rub the surface gently first with a clean pad of fine cotton-wool, and afterward with a similar pad covered over with cotton velvet which has been charged with fine rouge. The surface will, under this treatment, acquire a polish of great brilliancy, quite free from any scratches.

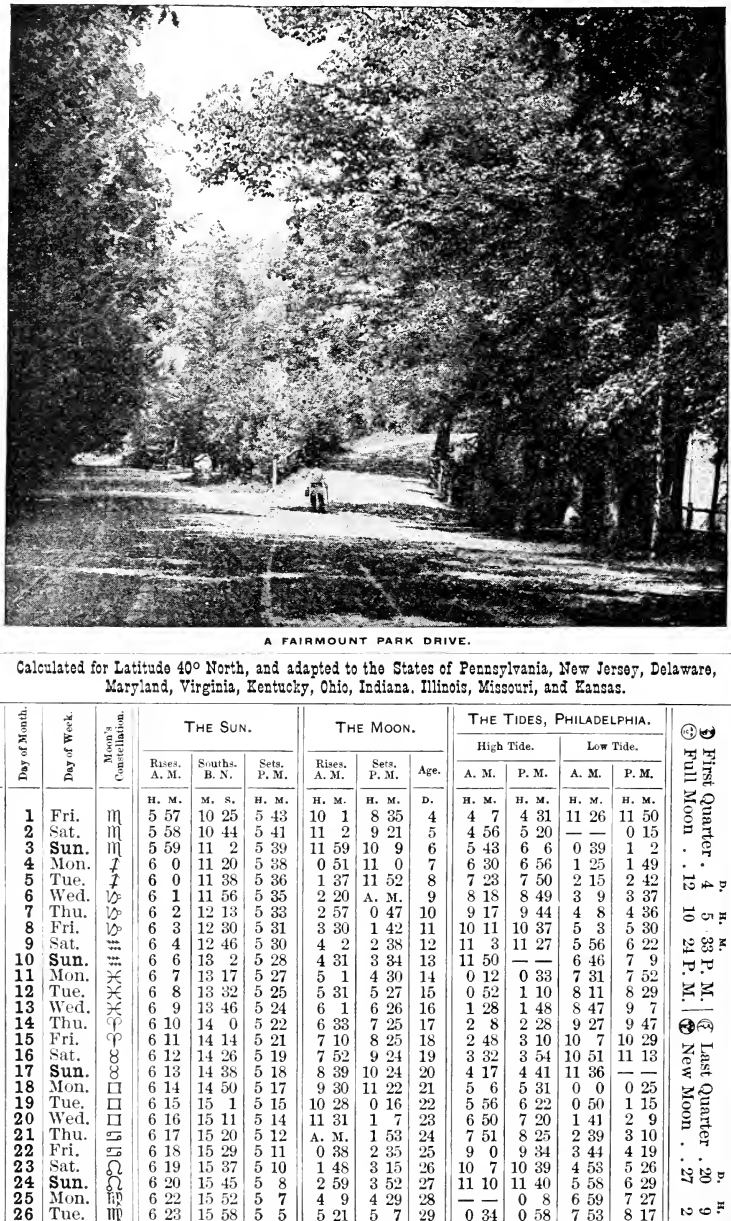
The more clothing a man wears, the more bed covering he uses, the closer he keeps his chamber (whether warm or cold), the more he confines himself to the house, the more numerous and warm his night garments, the more readily will he take cold, under all circumstances, as the more a thriftless youth is helped the less able does he become to help himself.

It is worth remembering that during the first visit of cholera at St. Petersburg, in 1832, says *Iron*, a firm of iron founders employing 500 men informed them that all those who would not take a teaspoonful of powdered charcoal on entering the works in the morning must leave their employ. The consequence was that they did not lose a single man when myriads were dying around them.

For sharpening tools, instead of oil, which thickens and smears the stone, a mixture of glycerine is recommended. The proportions of the composition vary according to the class of tools to be sharpened. One with a relatively large surface is best sharpened with a clear fluid, three parts of glycerine being mixed with one part of spirits. A graver, having a small cutting surface, only requires a small pressure on the stone; and in such cases the glycerine should be mixed with only two or three drops of spirits.

The following compound has been presented to the Berlin Medical Society for purifying the atmosphere of the sick-room:—Oils of rosemary, lavender and thyme, in the proportions of ten, two and a half and two and a half parts respectively, are mixed with water and nitric acid in the proportion of thirty to one and a half. The bottle should be shaken before using, and a sponge saturated in the compound and left to diffuse by evaporation. This compound is said to possess extraordinary properties in controlling odors and effluvia.

10th Month. OCTOBER. 31 Days.



A FAIRMOUNT PARK DRIVE.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun.			The Moon.			The Tides, Philadelphia.			
										High Tide.		Low Tide.	
				Rises. A. M.	Souths. B. N.	Sets. P. M.	Rises. A. M.	Sets. P. M.	Age.	A. M.	P. M.	A. M.	P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
274	1	Fri.	♏	5 57	10 25	5 43	10 1	8 35	4	4 7	4 31	11 26	11 50
275	2	Sat.	♏	5 58	10 44	5 41	11 2	9 21	5	4 56	5 20	— —	0 15
276	3	**Sun.**	♏	5 59	11 2	5 39	11 59	10 9	6	5 43	6 6	0 39	1 2
277	4	Mon.	♐	6 0	11 20	5 38	0 51	11 0	7	6 30	6 56	1 25	1 49
278	5	Tue.	♐	6 0	11 38	5 36	1 37	11 52	8	7 23	7 50	2 15	2 42
279	6	Wed.	♑	6 1	11 56	5 35	2 20	A. M.	9	8 18	8 49	3 9	3 37
280	7	Thu.	♑	6 2	12 13	5 33	2 57	0 47	10	9 17	9 44	4 8	4 36
281	8	Fri.	♑	6 3	12 30	5 31	3 30	1 42	11	10 11	10 37	5 3	5 30
282	9	Sat.	♒	6 4	12 46	5 30	4 2	2 38	12	11 3	11 27	5 56	6 22
283	10	**Sun.**	♒	6 6	13 2	5 28	4 31	3 34	13	11 50	— —	6 46	7 9
284	11	Mon.	♒	6 7	13 17	5 27	5 1	4 30	14	0 12	0 33	7 31	7 52
285	12	Tue.	♓	6 8	13 32	5 25	5 31	5 27	15	0 52	1 10	8 11	8 29
286	13	Wed.	♓	6 9	13 46	5 24	6 1	6 26	16	1 28	1 48	8 47	9 7
287	14	Thu.	♓	6 10	14 0	5 22	6 33	7 25	17	2 8	2 28	9 27	9 47
288	15	Fri.	♈	6 11	14 14	5 21	7 10	8 25	18	2 48	3 10	10 7	10 29
289	16	Sat.	♈	6 12	14 26	5 19	7 52	9 24	19	3 32	3 54	10 51	11 13
290	17	**Sun.**	♈	6 13	14 38	5 18	8 39	10 24	20	4 17	4 41	11 36	— —
291	18	Mon.	♉	6 14	14 50	5 17	9 30	11 22	21	5 6	5 31	0 0	0 25
292	19	Tue.	♉	6 15	15 1	5 15	10 28	0 16	22	5 56	6 22	0 50	1 15
293	20	Wed.	♉	6 16	15 11	5 14	11 31	1 7	23	6 50	7 20	1 41	2 9
294	21	Thu.	♊	6 17	15 20	5 12	A. M.	1 53	24	7 51	8 25	2 39	3 10
295	22	Fri.	♊	6 18	15 29	5 11	0 38	2 35	25	9 0	9 34	3 44	4 19
296	23	Sat.	♋	6 19	15 37	5 10	1 48	3 15	26	10 7	10 39	4 53	5 26
297	24	**Sun.**	♋	6 20	15 45	5 8	2 59	3 52	27	11 10	11 40	5 58	6 29
298	25	Mon.	♋	6 22	15 52	5 7	4 9	4 29	28	— —	0 8	6 59	7 27
299	26	Tue.	♌	6 23	15 58	5 5	5 21	5 7	29	0 34	0 58	7 53	8 17
300	27	Wed.	♌	6 24	16 3	5 4	6 31	5 46	0	1 20	1 43	8 39	9 2
301	28	Thu.	♌	6 25	16 7	5 3	7 40	6 27	1	2 7	2 31	9 26	9 50
302	29	Fri.	♍	6 26	16 11	5 2	8 46	7 11	2	2 55	3 19	10 14	10 38
303	30	Sat.	♍	6 28	16 14	5 0	9 46	7 59	3	3 43	4 7	11 2	11 26
304	31	**Sun.**	♐	6 29	16 16	4 59	10 42	8 49	4	4 31	4 54	11 50	— —

MOON'S PHASES. (EASTERN STANDARD TIME.)

	D.	H.	M.		D.	H.	M.
☽ First Quarter	4	5	33 P. M.	☾ Last Quarter	20	9	41 A. M.
○ Full Moon	12	10	24 P. M.	● New Moon	27	2	15 A. M.

LAUNDRY LESSONS.

Before beginning to wash, all the bed linen and underclothing should be placed by themselves, the table linen and tea towels put in another pile, the flannels treated similarly, while colored clothes should be laid aside to wash last. Stains of all kinds on clothes should be washed out before they are laid aside for the regular wash. Spots on table linen usually yield readily to soap and warm water; wine stains should be covered with salt, wet, and rinsed out; fruit stains may be removed by pouring boiling water over them before they are wet: coal oil and common baking soda mixed in equal parts will have the same effect. To remove ink-stains dip the part in hot tallow or wash in new milk. If clothes are iron-molded use oxalic acid, which will also remove mildew. Paint can be washed from any article by rubbing with lard and then washing.

As to the time clothes should be boiled a great difference of opinion exists. Some very excellent authorities on the subject condemn the practice, and advise scalding instead. If boiled, it should only be for ten or fifteen minutes, as long boiling is sure to discolor clothes. After they are scalded or boiled add blue water, and wash clean through the suds; then rinse through plenty of clear cold water before taking through the process of bluing; then wring as dry as possible. This is one of the most important operations of the work, as clothes with the water left in them will be streaked and yellow.

Colored prints and muslins require very careful washing in two soapy waters (no soap being rubbed on them), and rinsing in clear cold water. In washing colored articles there are a great number of ways by which the color may be preserved in such as are liable to fade. For buffs, grays, or any very delicate colors, a tablespoonful of black pepper to a bucket of water will set the color. If boiled in vinegar black cotton goods will never lose their freshness. Ox gall is also excellent to preserve colors, and is particularly useful in washing delicate-tinted stockings. All colored goods should be hung in the shade to dry.

Merino, woolen and silk underclothes and stockings are very easily spoiled in washing. None but the best soap should be used, and it should be dissolved in hot water. Do not rub the woolen clothes, but cleanse them by drawing them through the hands in and out of the suds. Rubbing shrinks and injures them. When clean, wring from the suds, and rinse in warm, soapy blue water, stretch into shape, and hang out immediately. Woolen and silk goods should never be washed on a stormy or cloudy day.

HOW TO TAKE A PILL.

Take a swallow of water and hold the head back, so that the water will be in the back of the mouth. Do not swallow the water until the pill has been dropped on its surface. Take the pill between the finger and thumb (still holding the head back), carry it well back without touching the inside of the mouth, then drop in on the water, and swallow. The head will come forward, and the water, opening and wetting the esophagus, takes the pill instantly to the stomach. It does not "stop halfway down," and is not tasted.

AFTER WASHING.

After the clothes are hung out the washerwoman should be required to clean tubs, boilers, wringers, and other utensils needed in washing, and put them away with care. Starching the clothes can be done before or after they are dried, but most laundresses prefer doing the work all at once, and starch the clothes that require starching as soon as they come from the blue water. A quarter of a pound of good starch will make two quarts of liquid starch. To make good starch quite a number of rules have been given. Some advocate long boiling, while others say it is not necessary. Very good starch may be made by putting in a bright tin pail a quarter of a pound of starch, over which pour three pints of boiling water, and then add a pint of cold water. Let it boil fifteen minutes. A little salt or sugar, a small piece of wax or a teaspoonful of coal oil added, will make the starch iron smooth. The starch should be strained and slightly blued before using. Flour starch is frequently used for coarse or colored clothes, and potato starch may also be used. Isinglass is a very delicate starch for fine muslins, and rice water is equally so. Muslins and laces should be dipped in thin starch and dried in the sun; linens should have the starch rubbed in until they will absorb no more. Individual taste and fashion in starching clothes must be the guide of the housekeeper in giving directions to her laundress. When the clothes are taken from the line they should be sprinkled evenly, rolled tightly and placed in a basket, over which a sheet should be spread to keep them free from dust until ready to iron.

PRESERVING FRUIT.

Boil raspberries six minutes; eight ounces of sugar to the quart.

Boil plums ten minutes: eight ounces of sugar to the quart is needed.

Boil blackberries six minutes, with six ounces of sugar to the quart.

Boil cherries five minutes; the amount of sugar to a quart is six ounces.

Boil ripe currants six minutes; amount of sugar to a quart eight ounces.

Boil peaches, whole, fifteen minutes, using six ounces of sugar to a quart.

Boil whortleberries five minutes; the amount of sugar to a quart jar should be four ounces.

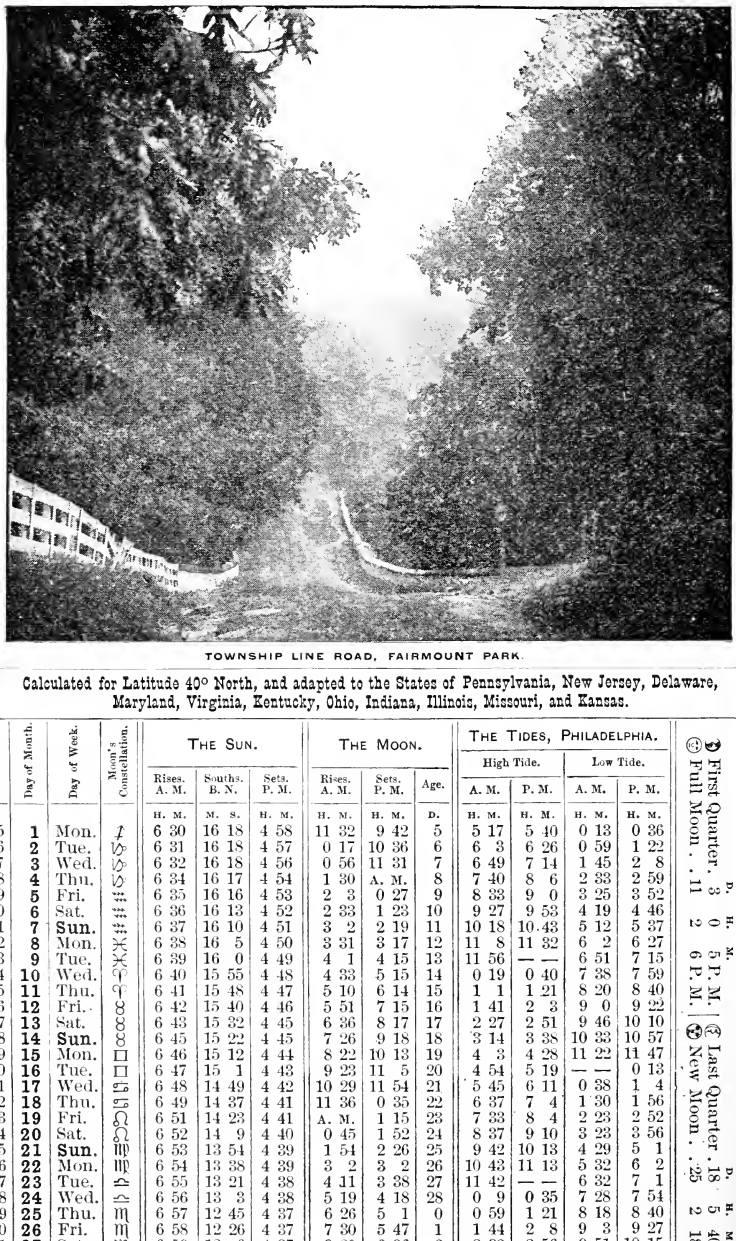
Boil Siberians, or crab apples, whole, twenty-five minutes; eight ounces of sugar to a quart.

Boil pears from twenty to thirty minutes—twenty for halves and thirty for whole pears—using six ounces of sugar to a quart can of fruit.

TO MAKE FINE PASTE.

A paste that will not draw engravings when pasted down on paper must be thin. A mixture of gum-tragacanth and gum-arabic forms, with water, a thinner mucilage than either of these two gums alone. Rice flour is said to make an excellent paste for fine paper work. A solution of two ounces and a half of gum-arabic in two quarts of warm water is thickened to a paste with wheat flour; to this is added a solution of alum and sugar of lead, one ounce and a half each, in water. The mixture is heated and stirred until about to boil, and then cooled. It may be thinned with a gum solution.

11th Month. NOVEMBER. 30 Days.



TOWNSHIP LINE ROAD, FAIRMOUNT PARK.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun. Rises. A. M.	The Sun. Souths. B. N.	The Sun. Sets. P. M.	The Moon. Rises. A. M.	The Moon. Sets. P. M.	The Moon. Age.	The Tides, Philadelphia. High Tide. A. M.	High Tide. P. M.	Low Tide. A. M.	Low Tide. P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
305	**1**	Mon.	♐	6 30	16 18	4 58	11 32	9 42	5	5 17	5 40	0 13	0 36
306	**2**	Tue.	♑	6 31	16 18	4 57	0 17	10 36	6	6 3	6 26	0 59	1 22
307	**3**	Wed.	♑	6 32	16 18	4 56	0 56	11 31	7	6 49	7 14	1 45	2 8
308	**4**	Thu.	♑	6 34	16 17	4 54	1 30	A. M.	8	7 40	8 6	2 33	2 59
309	**5**	Fri.	♑	6 35	16 16	4 53	2 3	0 27	9	8 33	9 0	3 25	3 52
310	**6**	Sat.	♑	6 36	16 13	4 52	2 33	1 23	10	9 27	9 53	4 19	4 46
311	**7**	**Sun.**	♑	6 37	16 10	4 51	3 2	2 19	11	10 18	10.43	5 12	5 37
312	**8**	Mon.	♑	6 38	16 5	4 50	3 31	3 17	12	11 8	11 32	6 2	6 27
313	**9**	Tue.	♑	6 39	16 0	4 49	4 1	4 15	13	11 56	— —	6 51	7 15
314	**10**	Wed.	♒	6 40	15 55	4 48	4 33	5 15	14	0 19	0 40	7 38	7 59
315	**11**	Thu.	♒	6 41	15 48	4 47	5 10	6 14	15	1 1	1 21	8 20	8 40
316	**12**	Fri.	♒	6 42	15 40	4 46	5 51	7 15	16	1 41	2 3	9 0	9 22
317	**13**	Sat.	♒	6 43	15 32	4 45	6 36	8 17	17	2 27	2 51	9 46	10 10
318	**14**	**Sun.**	♒	6 45	15 22	4 45	7 26	9 18	18	3 14	3 38	10 33	10 57
319	**15**	Mon.	♓	6 46	15 12	4 44	8 22	10 13	19	4 3	4 28	11 22	11 47
320	**16**	Tue.	♓	6 47	15 1	4 43	9 23	11 5	20	4 54	5 19	— —	0 13
321	**17**	Wed.	♓	6 48	14 49	4 42	10 29	11 54	21	5 45	6 11	0 38	1 4
322	**18**	Thu.	♓	6 49	14 37	4 41	11 36	0 35	22	6 37	7 4	1 30	1 56
323	**19**	Fri.	♋	6 51	14 23	4 41	A. M.	1 15	23	7 33	8 4	2 23	2 52
324	**20**	Sat.	♋	6 52	14 9	4 40	0 45	1 52	24	8 37	9 10	3 23	3 56
325	**21**	**Sun.**	♍	6 53	13 54	4 39	1 54	2 26	25	9 42	10 13	4 29	5 1
326	**22**	Mon.	♍	6 54	13 38	4 39	3 2	3 2	26	10 43	11 13	5 32	6 2
327	**23**	Tue.	♎	6 55	13 21	4 38	4 11	3 38	27	11 42	— —	6 32	7 1
328	**24**	Wed.	♎	6 56	13 3	4 38	5 19	4 18	28	0 9	0 35	7 28	7 54
329	**25**	Thu.	♏	6 57	12 45	4 37	6 26	5 1	0	0 59	1 21	8 18	8 40
330	**26**	Fri.	♏	6 58	12 26	4 37	7 30	5 47	1	1 44	2 8	9 3	9 27
331	**27**	Sat.	♏	6 59	12 6	4 37	8 29	6 36	2	2 32	2 56	9 51	10 15
332	**28**	**Sun.**	♐	7 0	11 45	4 36	9 23	7 29	3	3 19	3 41	10 38	11 0
333	**29**	Mon.	♐	7 2	11 24	4 36	10 11	8 25	4	4 4	4 27	11 23	11 46
334	**30**	Tue.	♑	7 3	11 2	4 35	10 53	9 21	5	4 50	5 12	— —	0 9

MOON'S PHASES. (Eastern Standard Time.)

	D.	H.	M.		D.	H.	M.
First Quarter	3	0	5 P. M.	Last Quarter	18	5	40 P. M.
Full Moon	11	2	6 P. M.	New Moon	25	2	18 P. M.

SEA-SICKNESS.

Dr. Neuhaus, of Berlin, divides people who go to sea into three groups or classes—those who are never sea-sick, the proportion of whom does not exceed three per cent.; those who are never well, whom he likewise estimates at three per cent., and those who, after a few days illness, adapt themselves to their environment, and suffer no further inconvenience. Sea-sickness, in the main, is caused by the rapidly varying pressure of blood on the brain, due to the upward and downward motion of the ship. As the ship descends into the trough of a wave, the pressure increases; as she rises to its crest, the pressure diminishes, and nausea is the natural and ordinary consequence of a sudden rush of blood from the brain. While journeying round the world, Dr. Neuhaus ascertained, by personal observation and actual measurement, that when a ship is much tossed about the livers of those of her passengers who have not got accustomed to the motion become affected in a very remarkable manner. This is in part due to the loss of liquid in the system; but in bad cases, where the patient lies all day long in an almost inert condition, suffering from acute headache, the affection assumes one of the lighter forms of blood-poisoning, from retention in the system of an element usually given off. Great relief may be obtained by lying on the side, with the head resting on the breast and the knees drawn up as near as possible to the chin. In this position the variation in the pressure of blood on the brain is reduced to a minimum, and the stomach and its nerves in a great measure are protected from the vibrations of the ship. Chloral-hydrate may also be used with advantage. It soothes the irritated brain, and often enables the sufferer to obtain much-needed sleep. It should be given in doses of one gram, but only when the sickness has lasted three or four days, not before. Alcohol is worse than useless.

EXCELLENT INTEREST RULES.

The answer in each case being in cents, separate the two right-hand figures of the answer to express in dollars and cents.

Four per cent.—Multiply the principal by the number of days to run, separate right-hand figure from the product and divide by nine.

Five per cent.—Multiply number of days and divide by seventy-two.

Six per cent.—Multiply number of days, separate right-hand figure and divide by six.

Eight per cent.—Multiply by number of days and divide by forty-five.

Nine per cent.—Multiply by number of days; separate right-hand figure and divide by four.

Ten per cent.—Multiply by number of days and divide by thirty-five.

Twelve per cent.—Multiply by number of days, separate right-hand figure and divide by three.

To find the time in which a sum of money will double itself at a certain rate of interest, divide seventy-two by the rate of interest, and the result will be the number of years. For example, at 4 per cent. money will double in eighteen years; at 8 per cent. it doubles in nine years. The rule is correct to within a fraction of a year for all rates from 3 per cent. upward.

HEATING POWER.

Taking a laboratory test of heating power of some of the various substances, based on the number of pounds of water heated one degree by one pound of the substance, we have:

Tallow	15,000	Coal, cannel.	9.000
Beeswax.	14,500	Coal, bitumin..	8,392
Olive Oil	14,500	Oak, kiln dried	5,960
Alcohol	11,000	Pine, seasoned	5,466
Coal, anthracite	9,560	Oak, seasoned.	4,600
Coke.	9,110	Peat.	3,250

EFFECT OF HEAT.

	Deg. Fahr.		Deg. Fahr.
Gold melts	1,983	Water boils.	212
Silver melts	1,850	Alcohol boils.	175
Copper melts.	2,160	Ether boils.	93
Brass melts.	1,900	Heat of human body	98
Iron, red hot, daylight	1,077	Water freezes.	32
Iron, red hot, twilight	884	Strong wine freezes	20
Common fire	790	Brandy freezes.	7
Zinc melts	740	Mercury freezes	39
Quicksilver boils	630	*Greatest cold	220
Linseed oil boils	600	Snow and salt	0
Lead melts.	594	Acetous ferment begins	78
Bismuth melts.	476	Acetous ferment ends	88
Tin and bismuth equal parts	283	Phosphorus b'rns	68
Tin melts.	421		

*The lowest temperature hitherto attained, 220 degrees, is produced by evaporating in vacuo a mixture of solid protoxide of nitrogen, carbonic acid and carbon bisulphide.

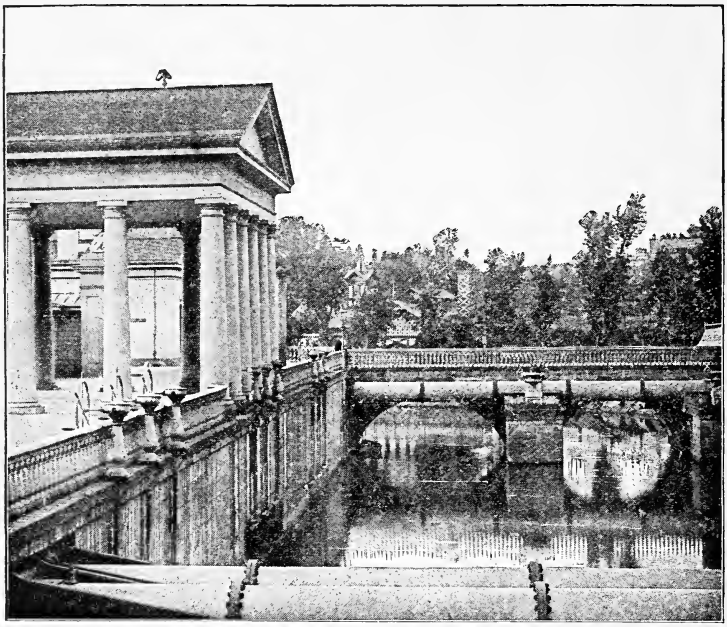
CURE FOR A FELON.

A doctor in the *Phrenological Journal* says that he has tried the following cure for a felon in many cases and has never known it to fail: Take common salt, roasted on a hot stove until all the chlorine gas is thrown off, or it is as dry as you can make it. To a teaspoonful of the salt, and also a teaspoonful of pulverized Castile soap, add a teaspoonful of Venice turpentine; mix them well into a poultice, and apply to the felon. If you have ten felons at once make as many poultices. Renew the poultice twice a day. In four or five days your felon will, if not opened before your poultice is first put on, present a hole down to the bone, where the pent-up matter was before your poultice brought it out. If the felon has been cut open or opened itself, or is about to take off the finger to the first joint, no matter, put on your poultice; it will stop right there, and in time your finger will get well even if one of the first bones is gone. Of course it will not restore the lost bone, but it will get well soon.

WEIGHT OF A CUBIC FOOT.

	Lbs. avo.		Lbs. avo.
Brass	504¾	Soil, common	124
Brick	125	Sand	95
Copper	555	Tallow	59
Clay.	135	Water, pure	62½
Coal, anthra.	54	Water, sea.	64½
Coal, bitum.	50	Wood, oak	55
Granite	165	Wood, yel. pine	42
Iron, wrought.	486¾	Wood, white "	30
Iron, cast	450½	Charcoal, hard	18½
Lead	708¾	Charcoal, pine	18
Marble	171	Cork	15

12th Month. DECEMBER. 31 Days.



FAIRMOUNT WATER WORKS.

Calculated for Latitude 40° North, and adapted to the States of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Kentucky, Ohio, Indiana, Illinois, Missouri, and Kansas.

Day of Year.	Day of Month.	Day of Week.	Moon's Constellation.	The Sun.			The Moon.			The Tides, Philadelphia.			
										High Tide.		Low Tide.	
				Rises. A. M.	Souths. B. N.	Sets. P. M.	Rises. A. M.	Sets. P. M.	Age.	A. M.	P. M.	A. M.	P. M.
				H. M.	M. S.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.
335	1	Wed.	♑	7 4	10 39	4 35	11 31	10 16	6	5 33	5 54	0 31	0 52
336	2	Thu.	♒	7 5	10 16	4 35	0 4	11 12	7	6 15	6 36	1 13	1 34
337	3	Fri.	♒	7 6	9 52	4 35	0 34	A. M.	8	6 58	7 20	1 55	2 17
338	4	Sat.	♒	7 6	9 28	4 34	1 2	0 9	9	7 44	8 9	2 39	3 3
339	5	Sun.	♓	7 7	9 3	4 34	1 32	1 6	10	8 36	9 4	3 28	3 55
340	6	Mon.	♓	7 8	8 38	4 34	2 1	2 1	11	9 31	9 58	4 23	4 50
341	7	Tue.	♈	7 9	8 12	4 34	2 32	2 59	12	10 25	10 51	5 17	5 44
342	8	Wed.	♈	7 10	7 46	4 34	3 6	4 0	13	11 18	11 44	6 10	6 37
343	9	Thu.	♈	7 11	7 19	4 34	3 43	5 1	14	— —	0 9	7 3	7 28
344	10	Fri.	♉	7 12	6 52	4 34	4 26	6 4	15	0 34	0 57	7 53	8 16
345	11	Sat.	♉	7 13	6 24	4 34	5 16	7 6	16	1 20	1 44	8 39	9 3
346	12	Sun.	♊	7 14	5 56	4 34	6 12	8 5	17	2 9	2 34	9 28	9 53
347	13	Mon.	♊	7 14	5 28	4 35	7 14	9 1	18	2 59	3 24	10 18	10 43
348	14	Tue.	♋	7 15	4 59	4 35	8 19	9 52	19	3 50	4 16	11 9	11 35
349	15	Wed.	♋	7 15	4 30	4 36	9 28	10 38	20	4 42	5 7	— —	0 1
350	16	Thu.	♌	7 16	4 1	4 36	10 38	11 17	21	5 32	5 57	0 26	0 51
351	17	Fri.	♌	7 17	3 31	4 36	11 46	11 55	22	6 22	6 47	1 16	1 41
352	18	Sat.	♍	7 17	3 2	4 37	A. M.	0 29	23	7 14	7 42	2 6	2 33
353	19	Sun.	♍	7 18	2 32	4 37	0 54	1 4	24	8 12	8 44	3 1	3 31
354	20	Mon.	♎	7 18	2 2	4 38	2 0	1 39	25	9 16	9 47	4 3	4 35
355	21	Tue.	♎	7 19	1 32	4 38	3 7	2 16	26	10 18	10 48	5 6	5 37
356	22	Wed.	♎	7 19	1 2	4 38	4 12	2 55	27	11 18	11 47	6 7	6 37
357	23	Thu.	♏	7 20	0 32	4 39	5 15	3 39	28	— —	0 14	7 6	7 33
358	24	Fri.	♏	7 20	P. M.	4 39	6 17	4 27	29	0 39	1 2	7 58	8 21
359	25	Sat.	♐	7 21	0 28	4 40	7 13	5 18	0	1 24	1 46	8 43	9 5
360	26	Sun.	♐	7 21	0 58	4 40	8 3	6 12	1	2 9	2 32	9 28	9 51
361	27	Mon.	♑	7 21	1 28	4 41	8 49	7 7	2	2 54	3 16	10 13	10 35
362	28	Tue.	♑	7 21	1 57	4 42	9 29	8 3	3	3 37	3 58	10 56	11 17
363	29	Wed.	♑	7 22	2 26	4 42	10 3	9 0	4	4 19	4 39	11 38	11 58
364	30	Thu.	♒	7 22	2 56	4 43	10 35	9 57	5	5 0	5 20	— —	0 19
365	31	Fri.	♒	7 22	3 24	4 44	11 4	10 53	6	5 38	5 57	0 39	0 57

MOON'S PHASES. (Eastern Standard Time.)

	D.	H.	M.	
First Quarter	3	9	25	A. M.
Full Moon	11	4	30	A. M.
Last Quarter	18	1	39	A. M.
New Moon	25	4	55	A. M.

POST OFFICE POINTS.

(From the Philadelphia Post Office Regulations.)

A carrier is not obliged to wait at a door longer than thirty seconds after knocking or ringing the bell. If there is no answer, he will make another attempt on his next round; if that fails, the letter is returned to the Post Office, and advertised.

The Department is not responsible for registered letters in any way, though guaranteeing to take extra precautions with them. It is responsible for all money orders.

Carriers are not required to run the risk of being bitten by dangerous dogs in delivering mail-matter. Carriers will notify, in writing, persons keeping such dogs that they must call at the Post Office for their mail; or, if they wish it delivered at their houses, must satisfy the Postmaster that it is safe for the carrier to so deliver it.

Carriers are forbidden, under any circumstances, to return, to any person whatever, letters which have been deposited in the street mailing-boxes. Persons desiring to withdraw such letters must apply at the Post Office, and prove that they are the writers.

Carriers are not allowed to give any information to any one as to whether letters have or have not been received by any one, including in this rule even members of the same family, whether they do or do not live in the same house.

Letters intrusted to carriers for delivery must not be thrown into windows or entries, nor be placed under doors, unless at the special written request of the person to whom the letter may be addressed; and they must not, in any case, be left on the steps, or sticking in the sides of the door, or thrown over the fence, or delivered next door, or left on the first floor of buildings when intended for the other floors, unless in a box prepared for the purpose; and they must not be left on counters, etc., of stores when they should be delivered in the counting-rooms or at the desks of the proprietors.

WATER RENTS AND PENALTIES.

Water rents are due in advance, and payable February 1 at the Department's headquarters, northwest corner of Thirteenth and Spring Garden streets. A penalty of 5 per cent. is added to all bills remaining unpaid on May 1, and an additional penalty of 10 per cent. on all bills remaining unpaid on July 1. If bills are not paid by September 1 the water will be shut off, and will not be turned on again until all arrearages are settled and the payment of an additional $2 for expenses of shutting off and turning on the water.

PORTRAITS ON AMERICAN CURRENCY.

$1, Washington; $2, Jefferson; $5, Jackson; $10, Webster; $20, Hamilton; $50, Franklin; $100, Lincoln; $500, Gen. Mansfield; $1000, De Witt Clinton; $5000, Madison; $10,000, Jackson. On silver certificates—$10, Robert Morris; $20, Commodore Decatur; $50, Edward Everett; $100, James Monroe; $500, Charles Sumner, and $1000, W. L. Marcy. On gold notes—$20, Garfield; $50, Silas Wright; $100, Thomas H. Benton; $500, A. Lincoln; $1000, Alexander Hamilton; $5000, James Madison; $10,000, Andrew Jackson.

A FAGGOT OF FACTS.

An inch of rainfall is equal to 14,500,000 gallons per square mile.

The average weight of an American man is 141½ pounds; of an American woman, 124½ pounds.

Space has a temperature of 200 degrees below zero.

The Falls of Niagara carry down 10,000,000 cubic feet of water per minute, equal to about 3,000,000 horse-power.

Gold can be beaten 1200 times thinner than printing paper; one ounce will cover 146 square feet.

The big trees (redwoods) of Calaveras Grove, Cal., are 92 in number, ten being over 30 feet in diameter. They range in height from 150 to 237 feet, and in age from 1000 to 3500 years.

The Seven Wonders of the World were the Pyramids, the Pharos of Alexandria, the Hanging Gardens of Babylon, the Temple of Diana at Ephesus, the Statue of Olympian Jupiter, the Mausoleum of Artemisia, and the Colossus of Rhodes.

The longest tunnel in the world is that of Mount St. Gothard—49,170 feet. The Hoosac tunnel is 23,700 feet in length.

TO GLUE LEATHER TO IRON.

To glue leather to iron, paint the iron with some kind of lead color—say white lead and lampblack. When dry, cover with a cement made as follows:—Take the best glue, soak it in cold water till soft, then dissolve in vinegar with a moderate heat, then add one-third of its bulk of white pine turpentine, thoroughly mix, and by means of the vinegar make it of the proper consistency to be spread with a brush, and apply it while hot; draw the leather on quickly, and press it tightly in place. If a pulley, draw the leather around tightly as possible, lap and clamp.

A CLASSIC FIGURE FOR A WOMAN.

To meet the requirements of a classic figure a lady should be 5 feet 4¾ inches tall, 32 inches bust measure, 24 inches waist, 9 inches from arm-pit to waist, long arms and neck. A queenly woman, however, should be 5 feet 5 inches tall, 31 inches about the bust, 26½ about the waist, 35 over the hips, 11½ inches around the ball of the arm, and 6½ inches around the wrist. Her hands and feet should not be too small.

STATISTICS OF THE BIBLE.

The Bible contains 66 books, 1189 chapters, 31,173 verses, 773,692 words, 3,586,489 letters.

The middle verse is the eighth verse of the 118th Psalm.

The longest verse is the ninth verse of the eighth chapter of Esther.

The shortest verse is the thirty-fifth verse of the eleventh chapter of St. John.

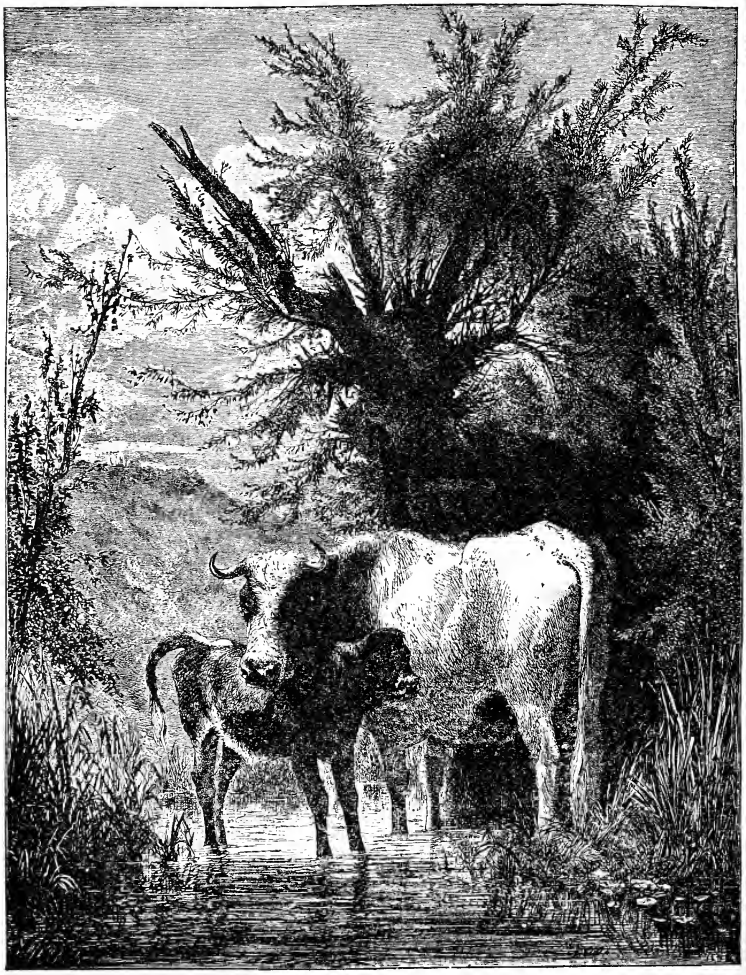
Ezra 7:21 contains all the letters of the alphabet except "J."

BOILER EXPLOSIONS IN 1884.

There were 152 boiler explosions in the United States in 1884, by which 254 persons were killed and 261 injured. Saw-mill boilers were responsible for 56 of the explosions.

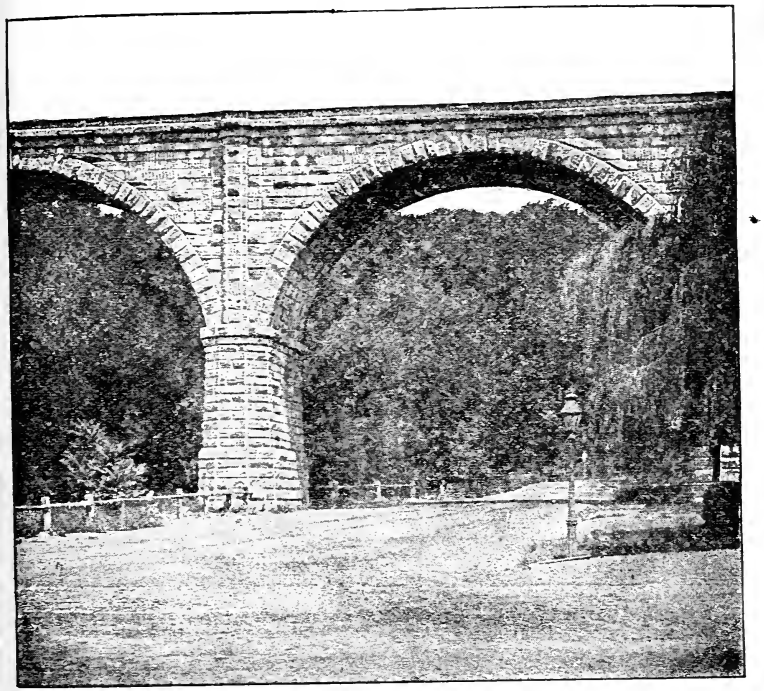
THE CHEMISTRY OF FOOD.

Spinach has a direct effect upon complaints of the kidneys; the common dandelion, used as greens, is excellent for the same trouble; asparagus purifies the blood; celery acts admirably upon the nervous system, and is a cure for rheumatism and neuralgia; tomatoes act upon the liver; beets and turnips are excellent appetizers; lettuce and cucumbers are cooling in their effects upon the system; beans are a very nutritious and strengthening vegetable; while onions, garlic, leeks, chives and challots, all of which are similar, possess medical virtues of a marked character, stimulating the circulatory system, and the consequent increase of the saliva, and the gastric juice promoting digestion. Red onions are an excellent diuretic, and the white ones are recommended eaten raw as a remedy for insomnia. They are tonic and nutritious. A soup made from onions is regarded by the French as an excellent restorative in debility of the digestive organs. With vegetables, as with everything else, much depends upon the cooking and the care and preparation beforehand. Washing in several waters is necessary to prepare nearly all kinds of green vegetables for the table, and great care must be given in examining spinach, lettuce, greens and cauliflower, as often very minute insects are lurking in or under the leaves of these.



A SHADY POOL.

ROMANTIC WISSAHICKON.



ENTRANCE TO WISSAHICKON DRIVE.

"One fieldpiece we got away. The other I was obliged to leave in the horrendous hills of the Wissahickon," wrote General Armstrong, of the Pennsylvania militia, in his report of the battle of Germantown in 1777, with a happy use of a now obsolete word to describe the gloomy ravines and beetling crags which two centuries of civilization have left unchanged. What a host of associations cluster around the beautiful stream which rolls so sluggishly down toward the Schuylkill! But through them all runs something sad, pathetic—something really horrendous. More than to any other locality in America there attaches to the Wissahickon an element of tradition, a mediæval flavor of monks and mystics, of lives so far removed from present-day thought and action, that they seem almost mythical. But even now, in the solemn hush which broods over the scene, when some pleasure-loving party of cockneys, bent upon catfish and waffles, have not aroused the echoes of the glen, it is not hard to imagine that John Kelpius and his fellow mystics from Germany found in this lovely solitude a congenial spot for their rapt devotions and lives of contemplation and self-abnegation. This was while Philadelphia was yet in its teens; and to the sturdy Quakers, who were laying the foundations of a great city, the Hermits of the Ridge, as the mystics were called, must have seemed as useless and idle a lot as could well be found. Kelpius and his followers dwelt in caves, which have long since disappeared, and there prayed, fasted and waited for "the woman clothed with the sun, with the moon under her feet, and the twelve stars on her forehead—she who had fled into the wilderness."

Whoever she was, she did not come; and Kelpius, tired of waiting, died early, at the age of thirty-five. The mystic band did not long survive him; and the only traces they have left are the stonework of a well, which their master is said to have built, and an illegible inscription which is attributed to him. The Hermits' Well marks their place of abode.

My food shall be of care and sorrow made;
My drink naught else but tears fallen from my eyes;
And for my light in this obscure shade
The flames may serve which from my heart arise;
And at my gates despair shall linger still
To let in death when love or fortune will.

Whittier, in his poem "The Pennsylvania

Pilgrim," thus mentions Kelpius as among the friends of Pastorius of Germantown:

"Or painful Kelpius from his hermit den
By Wissahickon, maddest of good men,
Dreamed o'er the Chiliast dreams of Petersen.

"Deep in the woods, where the small river glides,
Snakelike in shade, the Helmstadt mystic hid,
Weird as a wizard over arts forbid,

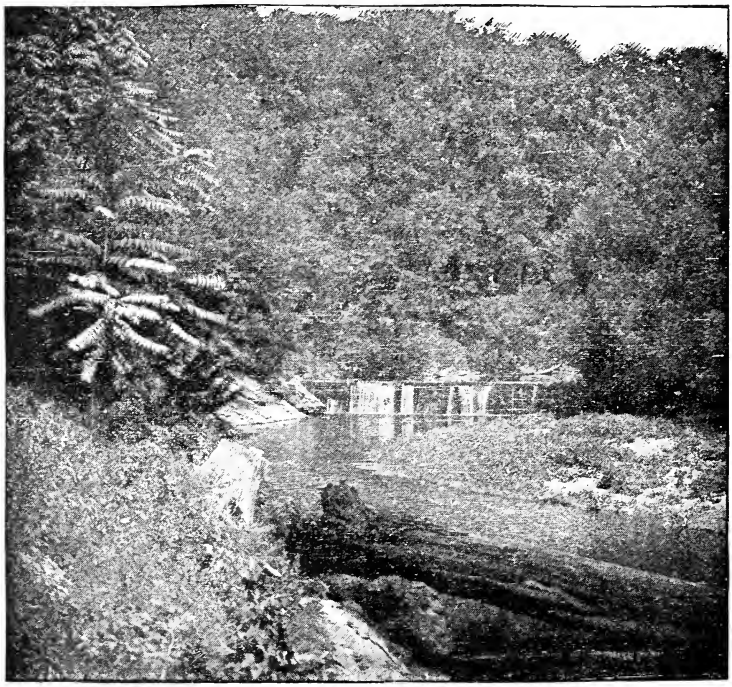
"Reading the books of Daniel and of John,
And Behmen's Morning-Redness through the stone
Of wisdom, vouchsafed to his eyes alone,

"Whereby he read what man ne'er read before,
And saw the visions man shall see no more
Till the Great Angel, striding sea and shore,

"Shall bid all flesh await, on land or ships,
The morning trump of the Apocalypse
Shattering the heavens before the dread eclipse."

Temptations, Refinings, Purifications (but nevertheless this Fiere casts such a Light before 'm that securs 'm from the persuing might and dark influence of Egypt, and guides 'm in that beloved land and city)."

More intelligible was the belief of the Dunkers, who early in the last century built and dwelt in the Monastery further up the stream; but Philadelphia long since ceased to be one of their strongholds, and the sect finds its greatest support in the western portion of the State. The Monastery buildings remain, however, and add to the Wissahickon's romantic interest. Still another landmark of olden times is the house in which was born David Rittenhouse, the patriot and astronomer, of whom Thomas Jefferson said: "He has not, indeed, made



WISSAHICKON DAM.

This "stone of wisdom" Kelpius is said to have thrown into the Wissahickon shortly before his death. Tradition fails to indicate its resting place. It would be needed nowadays to understand the peculiar belief of the "Quietists or Pietists, Chiliasts or Philadelphians, whose fame is spread in all the four quarters of the now Christianity," to use the Hermit's own words. Kelpius, in a letter written in 1699, speaks in this confusing fashion of the sect:

"Now will I tell in short in what a craggy, uneven, yea dark, wilderness they have been led since, when hitherto they have been baptized with the fiery pillar of many inward and outward Tribulations, Sorrows, a world; but he has, by imitation, approached nearer his Maker than any mere man who has lived from the creation to these days." Near by was erected, in 1690, the first papermill in the United States.

Leaving behind these bits of ancient history, around which romance and imagination have built up many a pretty story, it seems almost recent history when we come down to Revolutionary days. In those troublous times the quiet waters were more than once stained a deep red, and the steep hills echoed back the musket's crack and the cannon's roar. At the battle of Germantown two miles of redoubts along the eastern side of the creek protected the British troops,

and on the western side the Continentals threw up temporary redoubts, traces of which could still be seen a few years ago. "We cannonaded," says General Armstrong, in the report already quoted from, "from the heights on each side of the Wissahickon, whilst the riflemen on opposite sides acted on the lower grounds." One may be sure that the gallant General never forgave "the horrendous hills of the Wissahickon" for depriving him of half of the battery with which he did his cannonading.

Franklin, who foresaw the city's great growth, and the necessity for a pure water supply, provided in his will that a portion of the legacy now in the hands of the Board of City Trusts be allowed to accumulate, to be used "at the end of one hundred years, if not

BOAT LANDING ON THE WISSAHICKON.

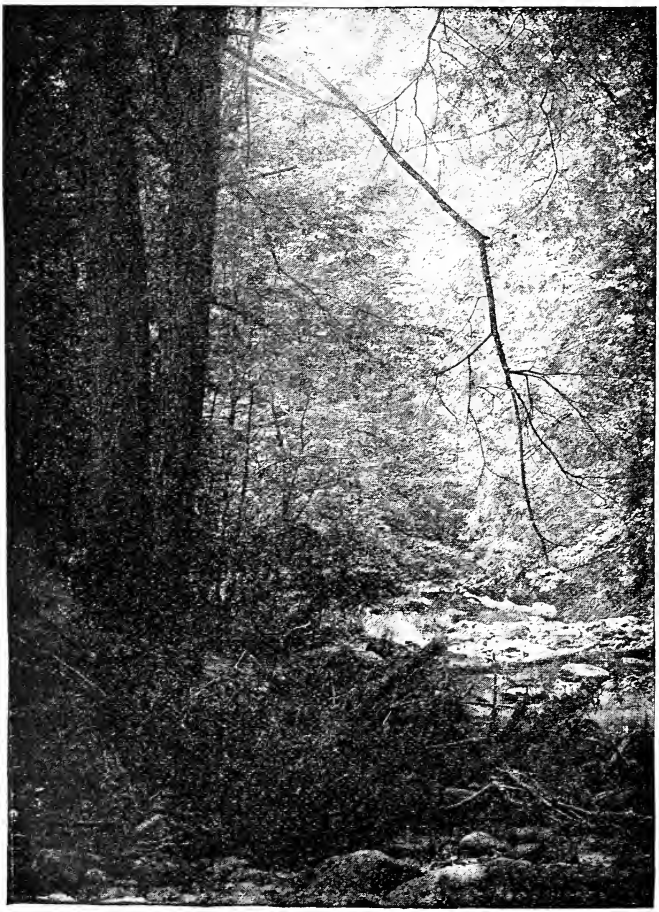
done before, in bringing by pipes the water of the Wissahickon creek into the town, so as to supply the inhabitants." The old philosopher died in 1790, so that, if the city were to rely upon his bequest for good drinking water, it must yet wait five years. The waters of the Wissahickon would be but as a drop in the bucket now toward meeting Philadelphia's great need for an abundant supply, and their purity is not above suspicion.

So much has been written about the Wissahickon, and its charms have become so familiar to Philadelphians that perhaps they underrate them. Admirers from other cities are not likely to make this error, however. A writer in *Appleton's Art Journal* speaks thus enthusiastically of the lovely stream, after descriptions of other portions of the Park:

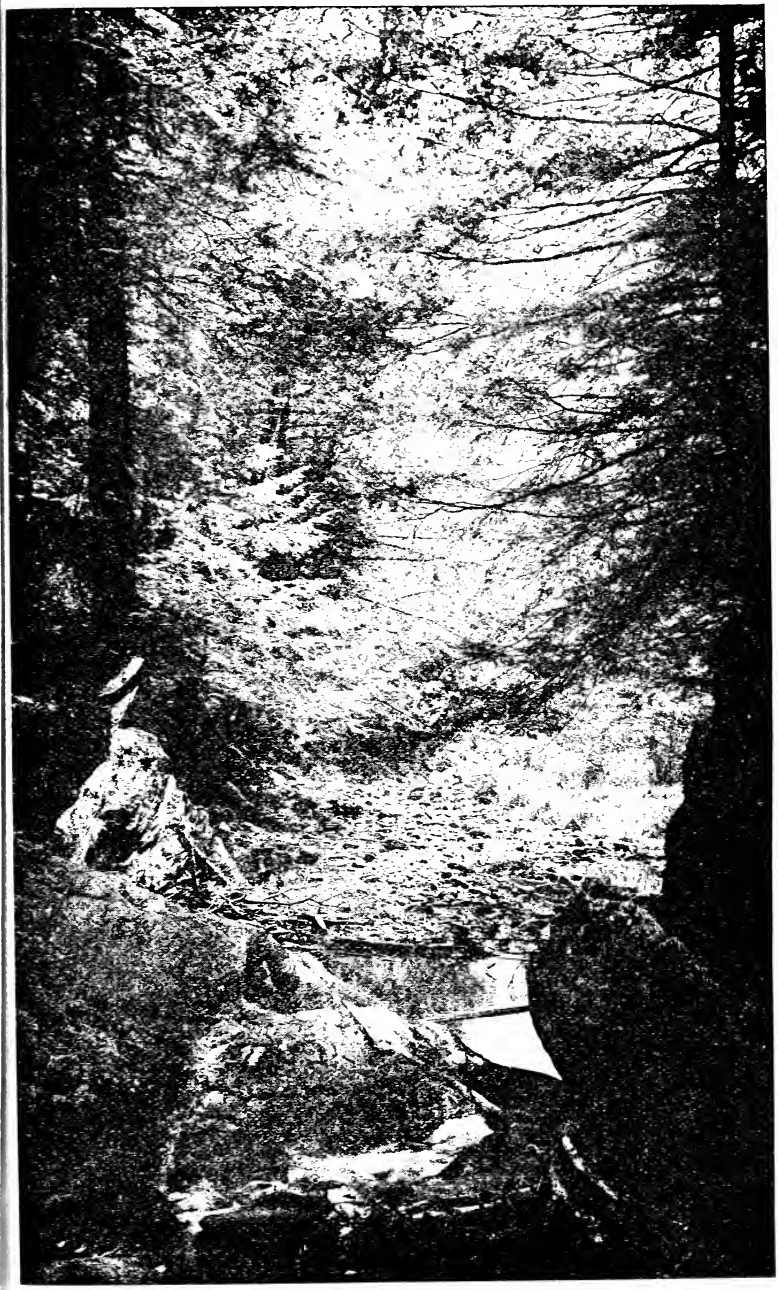
"But the prospect changes when we come to the Wissahickon—a river which is perhaps the most remarkable of all known waters as a type of the purely romantic in scenery. This stream, which still retains its Indian name, lies between ranges of precipitous hills that preserve for it its primeval character—a character, let us hope, that it will always preserve. Along its banks, through its whole extent, trees and vines hang down to the water's edge, and frequent springs drip from the rocks. Except at times in the spring and autumn, when swollen with heavy rains, its waters have in many places scarcely a perceptible motion; it seems to be the bosom of a lake. Its unbroken quiet, its dense woodland, its pine-crowned hills, its sunless recesses, and sense of separation from the outer world, contrast strongly with the broad lawns, the open flowing river and the bright sunshine which characterize the banks of the Schuylkill. It is a chosen spot for youth and old age—for all those whom simple love of nature contents; and it has been the home of romance, the theme of song, the source of illusions and legends from the earliest times to our own days.

"One spot in particular, the 'Devil's Pool,' is associated with the superstitions of the early days of the province, and now for more than half a century has been a favorite haunt for all lovers of nature. It is

certainly a wild place. Rocks are thrown together in great masses, and the long trunks of hemlocks and pines jut up from the darkness around the pool into the sunshine above. . . . . On the opposite side of the stream looms grandly up 'Indian Rock,' and here the stream enters a deep gorge. The hills tower almost perpendicularly, and the place has the solemn stillness of the shores of some far-off waters in the yet unbroken wilderness. A few huge rocks lie in the bed of the creek, but make no eddies in the water. The woods, clothing the inclosing steeps, bury their shadows in its dark surface. The rock, wild and lofty, crowns the summits of the eastern range of hills. It is shaped like a pulpit—square and with a deep cavity in front. On its top stands the rude figure of an Indian, set there in remembrance of the last chief of the aborigines on these grounds. Not far up the river is 'Greenwood dam'—a sort of key to the artist's position in taking sketches, since the views on every side make the most beautiful effects. It is a nook where, in all directions, are distributed the materials that a painter loves—the old bridge, the sluice, escaped around an abandoned water-gate, the ridges of rocks tumbling up the hills in fantastic shapes, the precipices dark with clinging woods. A quarter of a mile farther, and on the summit of a steep hill, stands an oblong building known as The Monastery. Some of the windows in the building have been closed up, but the three encircling cornices above each story, the durable character of its masonry, the tall chimney, and a sort of venerable expression that looks out from its rough faces, indicate that it is a landmark of a past generation.



NEAR THE DEVIL'S POOL.

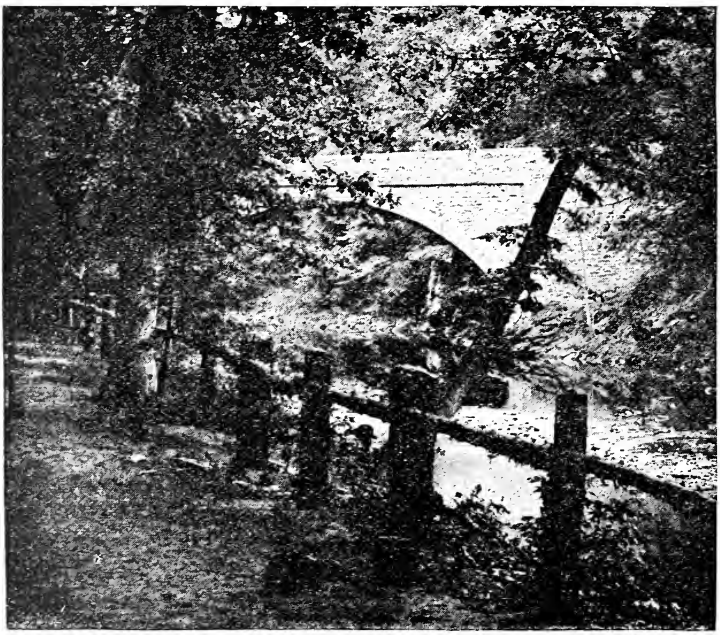


THE DEVIL'S POOL.

The scenery at this point is very romantic. The suggestive old building; the trees along the hillside, set on rocks instead of natural soil; the road itself, perched high above a chasm; the roaring and tumbling of the waters below you as you ascend the hill; the sudden change to a dead silence as your carriage rolls along into a dense environment of forest trees—all are impressive in a very remarkable degree.

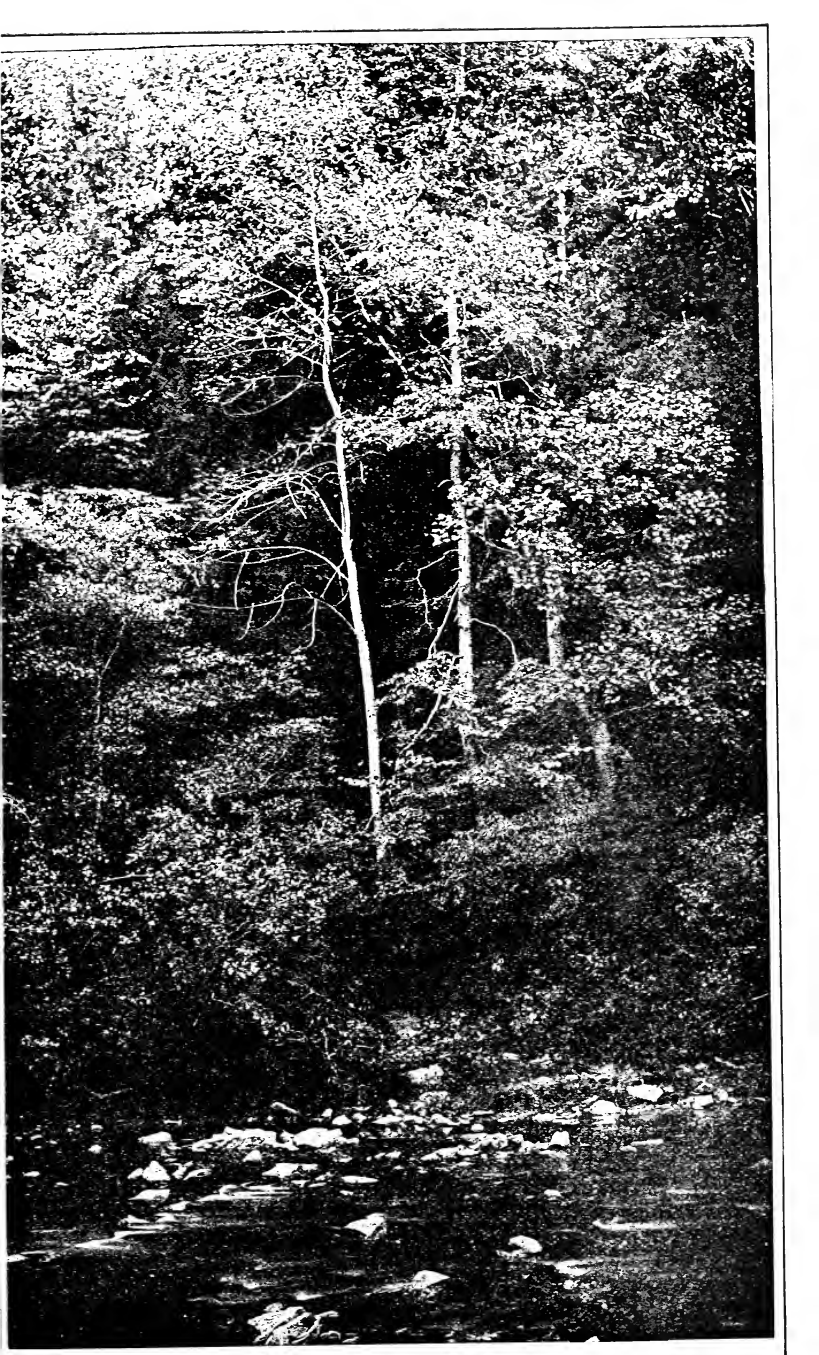
"Fairmount Park is literally full of such Elysian haunts, pleasant alike in the glowing summer, or in the gorgeous-hued autumn, when the foliage, myriad-tinted, is bathed in the subduing haze of the Indian summer. There are spots which are, indeed, the happiest of resting places—where one may dream of past dreams, hear voices of spring again, which dead voices had sung, and linger in a melancholy more sweet than joy."

To the stranger accustomed to the artificial beauty of most city parks, the wild, natural charms of the Wissahickon come as a most pleasant surprise. No other great city can boast of such a veritable *rus in urbe*. The splendid road seems to carry one into a region which Nature has claimed as her own forever; and wisdom has been shown in preserving this beautiful glen in all its loveliness, so far as is compatible with a pleasure-ground for the toilers from the dusty city. The stream, now babbling past great bowlders that obstruct its course, and now stretching out into a long dark pool, reflecting the heavens and the trees above; the towering cliffs, that rise in gloomy grandeur far above the winding road or path below; the sequestered dells, picturesque nooks and caves; the ruins of the habitations of men who have long since solved the great problem which so perplexed them in this life; the opening vistas of lovely scenery yet to come, and over everything Nature's benediction of silence—there is a beauty and romance about it all that cannot be resisted. The Lover's Leap, Hermits' Glen, Mom Rinkle's Walk, the Monastery, the Devil's Pool, Indian Rock (where Tedyscung, last chief of the Lenni Lenapes, keeps silent watch), Valley Green, and many other spots along the stream—one and all have their story or legend in keeping with their natural attractions. As a part of Fairmount Park they are secured forever to the city, to be a source of unending delight to coming generations as they have been to past.



COUNTY BRIDGE, VALLEY GREEN.

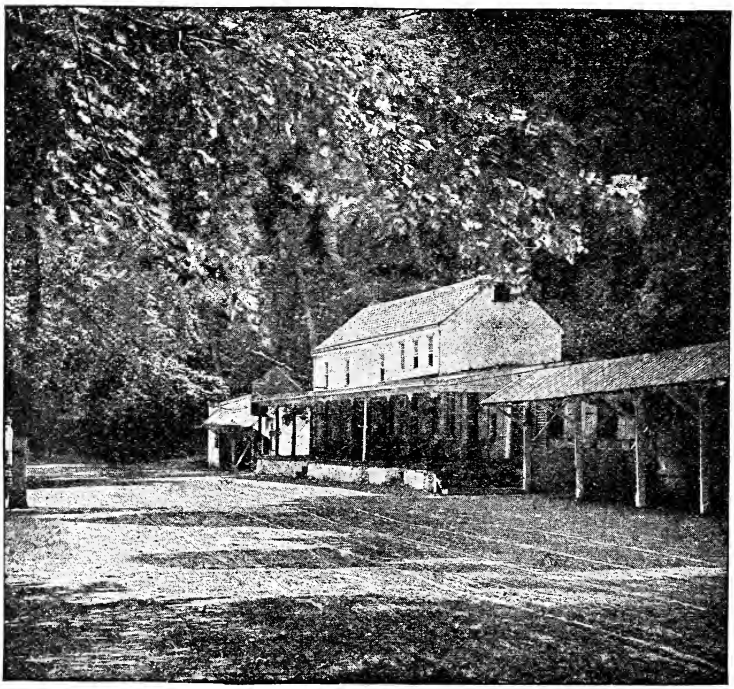
The popularity of this beautiful drive, and of the Park as a whole, can probably be shown in no clearer way than by a few figures taken from the Park Commissioners' report for 1884. By these it appears that during that year nearly 1,000,000 vehicles rolled through the different entrances and along the many picturesque and romantic drives. Fully one-half of these, it is estimated, went up the Wissahickon. The democratic character of a large proportion of these equipages may be inferred from the fact that 591,691 had but one horse. The greater luxury of a two-horse drag is represented by 359,583 vehicles, while 216 four-in-



NEAR INDIAN ROCK.

hands caracoled gaily past everything on the road. The figures in the two first named classes show a gain of 131,264 and 99,095 respectively over those for 1883—a most remarkable increase when it is considered that the building of the intercepting sewer has cut off some of the favorite drives. The same drawback yet remains; but the hope is held out that the interminable sewer will be completed during the coming year, when the superb river-drive will be again thrown open. Popular as the above figures show the Park to be for those who sit behind a horse, its chief glory, however, lies in the attractions it presents for those who must depend upon themselves for motive power. During 1884 the great number of 6,736,510 pedestrians walked within it bounds, or 1,603,434 more than in 1883. What more striking proof could there be of the growing appreciation of their unrivaled pleasure-ground by Philadelphians! In the same year 37,796 bicycles, 50,776 equestrians, and 32,740 sleighs were counted by the vigilant guards.

The city's purpose in purchasing the valley of the Wissahickon as a portion of the Park was, in the language of the ordinance of 1867, to "protect the purity of the water of said creek, and preserve the beauty of the scenery upon the banks, so that the same may be hereafter added to Fairmount Park." To do this has required the pulling down of many unsightly mills, which marred the natural beauty of the stream, while their refuse polluted its waters, and the purchase of many hundred acres of private property. That all this has been justified is too apparent to be questioned. Philadelphia without its Park and Wissahickon would be a dreary place, and they have been paid for many times over by the increased attractiveness and healthfulness which the city has gained. That drive of thirteen miles along the Schuylkill and Wissahickon, from the Green street entrance to the Montgomery county line, has no equal in the United States for it peculiar romantic beauties, and the good effects of purifying the water supply are seen in a decreased mortality. As the city grows, and pushes streets and houses up around the lovely places which are now far removed from its noise and bustle, the charms of the Wissahickon will be more than ever appreciated, and it will be a blessed breathing place and haven of rest to the unborn millions who in the years to come will densely populate the beautiful suburban country that lies between Germantown and Chestnut Hill and Manayunk and Roxborough. And if the growth of Philadelphia in the future is proportionally as rapid as in the past, that time will come sooner than many of us perhaps expect.



VALLEY GREEN.

LAWS, FINES AND PENALTIES FOR UNPAID TAXES.

Taxes in Philadelphia are due on January 1 of each year, and payable at the office of the Receiver of Taxes in the City Hall. On all bills paid on or before June 30 a discount of 1 per cent. per annum is allowed. This discount is fixed by ordinance of Councils. No discount is allowed on State tax. After June 30 a penalty of ½ of 1 per cent. is added to all unpaid bills; after August 1st, 1 per cent.; after September 1st, 1½ per cent.; after October 1st, 2 per cent.; after November 1st, 3 per cent., and after December 1st, 4 per cent. After July 31st of each year a penalty of 5 per cent. is added on all unpaid State taxes. After December 31st unpaid taxes become delinquent, when 5 per cent. more is added, together with 15 cents for advertising each name. On February 1st a penalty of 1 per cent. is added by the Delinquent Department; on March 1st, 2 per cent.; on April 1st, 3 per cent.; on May 1st, 4 per cent.; on June 1st, 5 per cent.; on July 1st, 6 per cent., and on August 1st, 7 per cent., together with interest at the rate of 6 per cent. from December 31 of the year for which the taxes were assessed.

The tax rate for 1886 is $1.85 per $100, which has been the rate since 1883. In 1880 the rate was $2; in 1881, $1.95, and in 1882, $1.90 per $100. The highest rate since the city was consolidated was in 1866 and 1867, when it was $4 per $100, and the lowest in 1868, when the rate was $1.40 per $100. The rate on suburban real estate is $1.23⅓ per $100, and on farm lands, 92½ cents per $100. The rates on other property is as follows: Horses, mules and cattle, $1.85 per $100; furniture, City tax, $1.85 per $100, State tax, 3 mills; pleasure carriages, City tax, $1.85 per $100; State tax, 1 per cent.; vehicles for hire, State tax, 3 mills; money at interest, 3 mills (fixed by act of June, 1885); gold watches, State tax, $1 each; silver watches, State tax, 75 cents each, and other watches, 50 cents each. The rate of $1.85 is levied upon the following basis: Poor, 7 cents; School, 22 cents; Lighting City, 4 cents; Loan, 71 cents; Highways, 8 cents; Water, 9 cents; Police, 20 cents; Markets and City Property, 3 cents; Fire, 7 cents; Prisons, 2 cents; City Commissioners, 9 cents; Health, 2 cents; Expenses of Municipality, 21 cents—Total, $1.85. The total assessed valuation of all kinds of property in Philadelphia during the past seven years is as follows; 1880, $536,667,834; 1881, $543,669,129; 1882, $553,775,229; 1883, $571,483,255; 1884, $583,612,683; 1885, $597,785,428, and 1886, $611,309,615.

GAS IN PHILADELPHIA.

The price of gas is $1.60 per one thousand feet, and is collectable quarterly from private residences and stores. Theatres and large halls pay their bills weekly, and manufacturers and saloon-keepers, monthly. A penalty of three per cent. is added to all bills five days after being presented, and if not paid within ten days the flow of gas will be shut off. All bills due for gas consumed in buildings west of Sixth street and north of Vine street are payable at the Spring Garden Office, Thirteenth and Spring Garden streets. All other bills for city properties are payable at the main office on Seventh street, above Chestnut.

RAILWAY SIGNALS.

By day—A sort of waving motion of the hand while facing the engine is a signal to "Go ahead." A slightly parting motion and upward waving of both hands, with back to engine, means "Back." A red flag waved across the track means "Danger" or "Stop;" hung at a station, it means "Stop for passengers" or "Orders;" on rear of train, or front of engine (or red lantern on front of engine), "An engine or train following."

By night—Lantern swung in circle over the head at right angles to train, or waved from car steps, means "Ahead;" raised and lowered perpendicularly, "Back;" waved across track, or hung at station, same as flag.

One sound of whistle means "Brakes;" two sounds of whistle, "Release brakes;" three sounds, "Back."

One stroke of the bell (sounded by conductor pulling bell-cord from some part of the train) means "Ahead;" two strokes, "Stop;" three strokes, "Back."

One long whistle is given for regular stopping stations; two short whistles—the first, one second longer than the second—are given for crossings; a succession of whistles when stock is ahead on track. At "Flag-Stations" (that is, where train stops only when flagged), a long whistle is given, and (if a flag or lantern be hung at station) it is followed by two short whistles as an answer to the signal.

When a flag-station is whistled for, at which there is no signal, but for which there are passengers aboard the train, the conductor pulls the .bell-cord twice in quick succession; this signal is answered by two short whistles (as in the case of station signals).

The lever that is seen just outside the toilet-room on coaches, or the cord that comes through on side of car, as case may be, is attached to the air-brake, and should be pulled by a passenger (if no trainman is ready) at once in case of accident. (On some roads a printed notice to this effect is placed conspicuously near the cord, either inside of toilet-room or just without it.)

POPULAR NAMES OF CITIES.

Baltimore—Monumental City.
Boston—Modern Athens; Hub of the Universe.
Brooklyn—City of Churches.
Chicago—Garden City.
Cincinnati—Queen City; Porkopolis; Paris of America.
Cleveland—Forest City.
Detroit—City of the Straits.
Indianapolis—Railroad City.
Keokuk, Iowa—Gate City.
Louisville—Falls City.
Lowell—City of Spindles.
Milwaukee—Cream City (from color of its bricks).
Nashville—City of Rocks.
New Haven—City of Elms.
New Orleans—Crescent City.
New York—Gotham; Manhattan; Empire City.
Philadelphia—Quaker City; City of Brotherly Love.
Pittsburg—Smoky City; Iron City.
Portland—Forest City.
Rochester, N. Y.—Flour City; Flower City.
St. Louis—Mound City.
San Francisco—Frisco.
Washington—City of Magnificent Distances.

SPRINGTIME.

See where she comes, apparell'd like the Spring!
Graces her subjects, and her thoughts the king
Of every virtue gives renown to men!
Her face, the book of praises, where is read
Nothing but curious pleasures.—*Shakespeare.*

PHILADELPHIA THEATRES.

The dimensions in feet and seating capacity of the principal Philadelphia theatres are given as follows:

THEATRE.	AUDIENCE ROOM.			STAGE.			SEATING CAPACITY.
	LENGTH.	WIDTH.	HEIGHT.	WIDTH.	DEPTH.	HEIGHT.	
Academy of Music	98¼	90	60	90	93	72½	2960
Arch Street Theatre	70	67	50	67	60	42	1702
Arch Street Opera House	70	50	45	50	45	45	1240
Chestnut Street Opera House	70	97	50	97	46	53	2387
Chestnut Street Theatre	62	62	56	62	48	56	1926
Eleventh Street Opera House	58	65	40	65	25	35	850
Forepaugh's Museum	58	58	45	58	29	45	1747
McCaull's Opera House	70	43	63	43	40	48	1370
National Theatre	60	78	50	78	70	60	2400
New Central Theatre	84	77	55	77	46	65	2680
Temple Theatre	66	65	45	65	35	65	1785
Walnut Street Theatre	70	70	47	63	62	60	2033

Researches made to determine the relative position, as to size, of the Philadelphia Academy of Music among the largest existing theatres have disclosed the following figures, which furnish a fair standard of comparison:

THEATRE.	AUDIENCE ROOM.			STAGE.		
	LENGTH.	WIDTH.	HEIGHT.	WIDTH.	DEPTH.	HEIGHT.
La Scala, Milan	105	87	67	87	77	117
San Carlo, Naples	100	85	103	116	74	167
Grand Opera, Paris	103	102	73	100	76	209
Covent Garden, London	89	80	55	90	89	87
Metropolitan, New York	108	101	82	101	90	150

THE EVIL EFFECTS OF MOUTH-BREATHING.

A physician, whose fame is world-wide, in commenting on the bad results of the habit many people have of breathing through the mouth, said: "This is a curious affliction. It is more common than is supposed, occurs in infancy, at manhood and at middle age, and causes a great deal of suffering; yet it is a strange thing that people in general do not seem to pay any attention to this affection when occurring in their own families, in spite of the manner in which it distorts the face, until some actual disease sets in and medical aid is necessary. Even physicians do not seem to reflect that this trouble may cause any one of a large number of diseases affecting the system in general. Why, you can tell one of these mouth-breathers anywhere the moment you see him. From disease of the nose his lips are retracted; his mouth is continually open; his gums recede, and his teeth protrude, particularly those in the upper jaw; the flesh that forms the lower part of the nostrils is shrunken, the openings of the nostrils are diminished in size; there are wrinkles at the outer edges of the eyes, and deep lines run from the nostrils to the angles of the mouth. These all give the person either an expression of idiocy, silliness or suffering. But the principal thing I want to call your attention to is the necessity of parents and nurses watching children when they fall asleep, and preventing them from breathing with their mouths open. In grown persons, diseases of the nose and throat may lead to mouth-breathing and the resulting distortion of the features, but it is the other way with children. They should be taught to use the mouth for eating and speaking only, and if they fall asleep with their mouths open the lips should be gently pressed together. Thus many constitutional diseases, such as spinal trouble, pigeon breast and perhaps even rickets, may be avoided, not to speak of affections of the nose and throat.

It seems that medical men are not the only ones who have studied more or less carefully the habit of mouth-breathing. George Catlin, the portrayer of American Indian life and customs, claimed in one of his works that it was a known fact that a man can inhale mephitic air through the nose for a certain time in the bottom of a well without harm; but if he open his mouth to answer a question, or call for help, his lungs are closed and he expires. Catlin says: "I have seen a poor Indian woman in the wilderness lowering her baby from her breast and pressing its lips together as it falls asleep." Among two millions of people he found that deafness, dumbness, spinal curvature and deaths from teething and diseases of the respiratory passages are almost unknown. He attributes this exemption from these ailments, so very common in civilized life, solely to the habit of breathing through the nose.

TWO CHOLERA MIXTURES.

THE SUN CHOLERA MIXTURE.—Take equal parts of tincture of cayenne, tincture of opium, tincture of rhubarb, essence of peppermint, and spirits of camphor. Mix well. Dose, fifteen to thirty drops in a wineglass of water, according to age and violence of the attack. Repeat every fifteen or twenty minutes until relief is obtained.

DR. VALENTINE MOTT'S CHOLERA MIXTURE.—Tincture of rhubarb, ten parts; laudanum Sydenham, four parts; camphor, one-half part; syrup of ether, fifty parts; syrup of bitter orange-peel, fifty parts. One teaspoonful in a little water, and repeat until symptoms cease.

THE CARE OF PLANTS.

Very few plants are attacked by insects or disease when in vigorous health. It is only when the vitality is impaired or the growth checked by any cause that they strike. Red spider rarely troubles plants when growing strongly, and even the mealy bug seems to pursue his ravages more vigorously when growth is slower during the winter months. Mildew attacks roses in a hot-house when a ventilator is raised carelessly on a cold, raw day, and the chilling air strikes down on the soft growth, checking the flowing sap, and leaving the plant in a dilapidated condition, which invites the fungus known under this name.

The best plan is to use for planting the last propagated plants in spring. These, sustaining no check, grow right along until midsummer, when it is necessary to cut them severely back, and fork in a good dressing of manure as close to the plant as possible, followed up by a thorough soaking of water. This last, of course, if the ground is dry, which is almost invariably the case in August. Plants so handled grow vigorously, avoid the fatal check, and give healthy cuttings when needed in October. The "rust" that is found on heliotropes, bouvardias, etc., is probably the same thing, or in any case is produced by the same cause. This is particularly noticeable in heliotropes, as they become "rusted" at once if pot-bound. The insect producing "black rust" is invisible to the naked eye, but under the microscope somewhat resembles a cockroach in shape and general appearance. When plants are affected, a syringing twice a week with fir-tree oil is effective in checking it; but, as in everything of this kind, prevention is the best remedy.

The green fly can be destroyed by fumigation with tobacco; but in cases where cut flowers are grown, particularly roses, tobacco smoke will take the color out of the buds, and to a great extent lessen their value. The "fly" can be kept down by simply spreading tobacco stems about the house, and giving them a dash of water whenever you are watering.

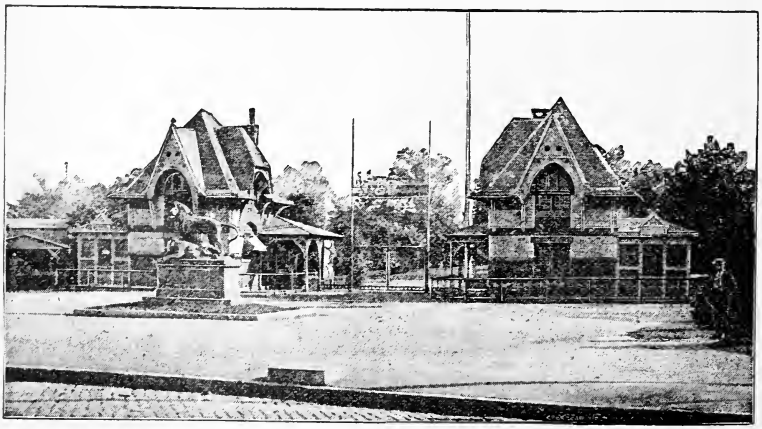
Alcohol, which is the basis of most insecticides for mealy bug, will do the work, but it is too expensive for general use. The imported preparation known as "fir-tree oil" is an economical remedy. It kills the bug and its eggs, and does no practical injury to the plants. In using the fir-tree oil or any similar insecticide, it is better, when practicable, to dip the plants in the preparation. A common error in the use of all insecticides is the want of persistence in their use.

The perfect rose-bug feeds on the tops, eating the leaves, doing some injury; but the great mischief is done by the larvæ feeding on the roots. This is a white grub about one-fourth inch long, which is hatched in the soil. Its presence at the roots is quickly shown by the yellowing and dropping of the leaves, which by the inexperienced may be attributed to the ordinary causes of overwatering or too high a temperature; but if a plant is dug up dozens of the grub will be found about the roots. The only remedy seems to be to pick the perfect bugs from the tops by hand.

Black ants can be readily exterminated by dusting the large runs with pyrethrum, applied with a bellows. It is useless to spread it around by hand, as they are killed by breathing it, and it must be distributed in fine particles.

The best remedy for mildew is sulphur, either by putting it on the pipes so that the fumes will be thrown off by the heat, or in the liquid form as follows: One pound lime and one pound sulphur in two gallons of water; boil this down to one gallon, and use a wineglassful of this to five gallons of water, and syringe the affected plants twice a week. This is particularly useful in summer.

The ventilation of a room has more to do with the health of the plants in it than any other cause. This is particularly true with roses. If air is given on tender roses day and night during July and August there will be little trouble with mildew, as the cool night air and the action of the wind all tend to toughen the fibre of the wood and leaves and give strength of constitution to the whole plant, so that when the spores of mildew and other fungoid diseases strike, they do not take root, but glance off harmlessly from the hardened and fortified foliage.



ENTRANCE TO THE ZOOLOGICAL GARDEN, FAIRMOUNT PARK.

FAMILY MEDICINE CHEST.

No household should be without a surgical drawer and a medicine chest. There are a hundred little accidents and ailments liable to occur at any time in a family which a little skill and knowledge would set right without the necessity of calling in a physician. The principal things to be kept in a drawer for emergencies are a pair of old-fashioned bleeding lancets, surgical scissors, pins, needles, thread, caustic silver in a case, strips of adhesive plasters, bandages, lint and oiled silk; also, an eye lotion, a stimulant lotion, one or two kinds of ointment, and a liniment for sprains, stiffness of joints, neck, etc. A small bottle of turpentine and a good-sized one of camphor should likewise have place in this drawer. The pins should be of different sizes, as they are more convenient for fastening bandages. The thread should be white and strong, and the needles of good size—large enough, in fact, that eyes which have begun to require the aid of glasses can thread them in a hurry. Old linen of any sort can be utilized for bandages. Tear it into strips and sew together. For finger purposes the bandages should be from one-half to two inches wide. Others may be kept on hand of different widths. Bandages can also be purchased at various stores where surgeons' goods are kept for sale.

In bandaging a leg the art rests in keeping the bandage flat and smooth and winding it tight. Lay the end along the instep first, toward the toes; bandage from there, including all the foot but the heel; swathe the ankle, and so upward to the knee, or as far as required. It is a good plan, when ascending the calf, that the bandage be plaited half back over itself.

In cases of large swellings it is always best to consult a physician; but in the matter of small abscesses, gum-boils and the like, the trouble can be easily attended to by any one having a modicum of skill and judgment. Many people have a foolish horror of the lancet, and will endure pain for days from a trifling swelling rather than submit to its use. It is a common impression that a boil should be allowed to "come to a head" before being opened. This is a mistake, for then the boil hardly requires opening, as it will burst and discharge of itself. The incision of the lancet is almost painless and affords instantaneous relief. The proper time to open a boil or abscess is when it gives a baggy feeling to the touch. This is an indication that matter has formed. As soon as this pus has vent to escape, the pain occasioned by its presence and effort to free itself ceases. If this vent is not made, it eats through the tissues lying above it, which process is the occasion of the severe pain always experienced when a boil is "nearing a head." When a gum-boil is to be opened the lancet should be rolled about with a piece of soft rag till within half an inch of the point. The place where the boil is the softest is the place to make the incision. Gentle pressure is required to squeeze out the matter, after which the mouth can be well rinsed with hot water. Water is the best dressing for all sores that need stimulating, soothing or healing action. A few drops of carbolic acid should be put in clear, cold water, and the application made with a piece of lint. A piece of oiled silk is then placed over the lint to retain the moisture, and is kept in place by a bandage. Water dressing is sometimes used instead of poultices for swellings which are to be soothed and reduced, and to wounds after they have been properly strapped.

The silver or lunar caustic kept in the drawer is to cauterize dog or cat bites, scratches or any wounds received from the teeth or claws of animals.

Adhesive plaster ought to be cut in strips instead of being kept in a roll. It is then ready for use at a moment's notice. Before putting it on a wound one must be careful to see that it is perfectly clean, and no sand, glass or any other substance in it which would cause festering. A wound should never be covered entirely up. No matter what the size, use long, narrow strips of plaster. Warm the back of the plaster when ready to apply it and place it across the wound, leaving a small space on each side for the lymph to escape. Sticking plaster has no healing qualities of itself, the benefit derived from its use being entirely mechanical. Clean cuts are better bound up with the blood, for the plaster is useless until the bleeding stops.

A good stimulating lotion for sores and wounds is made with two grains of nitrate of silver to one of distilled water. If the sores have even, white edges, and but little discharge, they do not require stimulating. Ulcerating sores require a stimulant applied with lint in the same manner as the water dressing. Such sores are largely dependent, however, on the condition of the constitution for healing. They can only heal when well supplied with flesh-forming material, and this must be furnished by the blood. Therefore it is necessary to strengthen the blood with good food, not to thin it by various purgatives. A stimulating lotion is made with either powdered alum or sulphate of zinc and distilled water, four grains of either being a sufficient allowance for each ounce of water. "Goulard water" is made by mixing one teaspoonful of sugar of lead to a pint of water. It is made more cooling by the addition of a small quantity of spirits of wine. It is an excellent lotion for hot and painful swelling.

Poultices are the best application for local inflammation of any kind. The simplest poultices are made of oatmeal, linseed meal, or bread and water. The last is made by pouring boiling water over pieces of bread, covering up the vessel for a short time, and then draining off the water. Charcoal is a desirable addition in case of ulcers. Linseed meal poultices are made by stirring the meal into boiling water until thick enough to spread on the cloth. Oatmeal poultices are made exactly as oatmeal is cooked for the table, only without salt. Poultices made of carrots or turnips are very soothing. Mustard poultices or plasters are the most common of any kind. It is not a generally known fact that a mustard plaster applied to the stomach in cases of pain from indigestion and the various forms of dyspeptic ailments, such as retching and vomiting, will afford relief, although of no permanent value as a cure. Onion poultices are made by mashing up half-roasted onions and spreading them on a cloth. Before putting an onion poultice on the chest for cold the skin should be rubbed with a little warm turpentine. An onion poultice should never be applied to a spot where the skin is broken. A well-made, properly applied poultice is a great benefit, but one ill-made and carelessly used is dangerous.

One of the best liniments for stiff neck and

joints or to relieve internal swelling is a mixture of one part ammonia to two of olive oil. This should be well rubbed in and frequently applied. Nothing better for taking the heat out of burns has been discovered for hundreds of years than carron oil. The relief it affords is instantaneous. It is made of equal parts of lime-water and olive oil. It has been known and used by medical men for a very long time. Simple as it is, the knowledge of it has been confined to a very limited number. An application of distilled water or rainwater, with which has been mixed a small amount of cream of tartar, will cure redness of the eyes. A bottle of lime-water should always stand ready for use in every household. One gill of good lime is enough for a quart of water. Put the lime and water into a tall bottle and let it stand where it is not jarred. Have the lime first slaked with water before putting it into the bottle. The lime will settle, leaving clear lime-water at the top. Pour this off as required and add more water. The lime should be removed and fresh lime put in once a year. There are innumerable uses for lime-water. If good milk disagrees with a child, three or four tablespoonfuls of lime-water to a pint of milk will usually assist digestion. Lime-water taken in the same manner will prevent flatulence in adults and counteract pain from wind in the stomach. For acidity of the stomach it is one of the best remedies. A child of two years or so may take a teaspoonful. A gill or more is required for an adult. A larger portion will have no bad effects.

With due observation of sanitary laws, plenty of wholesome food and fresh air, the acquirement of a little medicinal intelligence, and the exercise of some surgical skill, the average family will not often require the services of a physician.

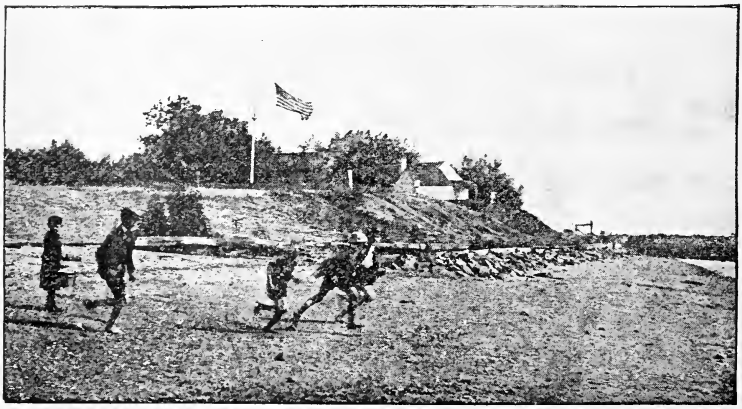
Diphtheria Cure.

In a report to the French Academy of Medicine Dr. Delthell stated that the vapors of liquid tar and turpentine would dissolve the fibrinous exhalations which choke up the throat in croup and diphtheria. He describes the process thus: "Take equal parts (say two tablespoonfuls) of turpentine and liquid tar; put them into a tin pan or cup and set fire to the mixture, taking care to have a larger pan under it as a safeguard against fire. A dense resinous smoke arises, making the room dark. The patient immediately seems to experience relief; the choking and the rattle stop; the patient falls into a slumber and seems to inhale the smoke with pleasure; the fibrinous membrane soon becomes detached, and the patient coughs up microbiedes. These, when caught in a glass, may be seen to dissolve in the smoke. In the course of three days the patient entirely recovers.

Vital Statistics.

The following table shows the death-rate to every 1000 inhabitants in prominent American and foreign cities, as compiled from recent reports of Boards of Health:

Amsterdam	26.90
Baltimore	22.93
Berlin	29.04
Bombay	33.70
Boston	22.76
Brooklyn	22.04
Calcutta	31.10
Chicago	19.92
Cincinnati	21.12
Copenhagen	22.00
Dublin	29.10
Edinburgh	19.20
Glasgow	28.25
Havana	45.70
London	20.40
Madrid	37.40
Mexico	30.90
Montreal	37.20
New Orleans	29.42
New York	25.81
Paris	25.44
Philadelphia	20.34
Pittsburg	20.65
Rio de Janeiro	39.40
Rome	26.80
St. Louis	19.74
St. Petersburg	51.40
San Francisco	19.80
Valparaiso	64.60
Vera Cruz	70.50
Vienna	28.27
Washington	23.38



ON THE BEACH BELOW GLOUCESTER, N. J.

"ANTI-DISCRIMINATION."

In 1872 the authorities of the State decided to cure the evils of special legislation and of railroad mismanagement by revising the Constitution; so a convention of 133 members was selected to prepare the draft of an instrument which was to be submitted to a popular vote for approval or rejection. Under the heading of Railroads and Canals, an article (XVII) was proposed, containing, among others, the following provisions:

"*Section 1.*—All railroads and canals shall be public highways, and all railroad and canal companies shall be common carriers."

Section 3.—Equal rights in transportation of persons and property are commanded, and undue or unreasonable discrimination forbidden. "Persons or property transported over any railroad shall be delivered at any station at charges not exceeding the charges for transportation of persons and property of the same class in the same direction to any more distant station."

Section 4.—Consolidation of parallel or competing lines prohibited.

Section 7.—Abatements, drawbacks and other discrimination and preferences forbidden.

Section 12.—The General Assembly shall enforce by appropriate legislation the provisions of this article."

On the 16th of December, 1873, the people ratified the new Constitution which contained these provisions by a majority of about 150,000. It therefore became the duty of the State Legislature, under Section 12, to enact appropriate legislation, and as each member of the General Assembly of the Commonwealth, upon entering office, took an oath to "support, obey and defend" this Constitution, there was every reason to believe that the sanctity of an oath, as well as the supremacy of the organic law, would be respected by those representatives of the people. Eleven years have passed since the adoption of that instrument, but the State Senate has always intervened to defeat such legislation if it had passed the House of Representatives.

There was nothing in Article XVII, in so far as it is related to railroad discriminations, that imposed any new duty upon the corporations operating railroads. They were subjected to no obligations which they had not voluntarily assumed when they accepted their charters from the State and bound themselves to act as common carriers, which, in the language of the law books (see Chitty on the Law of Carriers, folio 25), "are bound to receive the goods of all persons alike, and upon the same terms, and at the same rate."

In defining what were unjust and unreasonable discriminations, the new Constitution enunciated what is called the "short haul" principle, which is, that the charge for carrying persons or property for any distance shall not be greater than is charged for carrying persons or property of the same class in the same direction, for a greater distance, which includes the shorter. This proposition commends itself to the sober judgment of every intelligent and unbiased mind. It does not even require that the charge shall be less for a short distance than for a longer one. It shall not be greater. It may be the same. The section does not provide for any mileage or *pro rata* basis. It does not deal with complex details of railroad management. It lays down a simple rule, the fairness of which cannot be questioned. It imposed no burdensome tax on any carrier. It only required that when, for instance, the Pennsylvania Railroad Company carried grain from Chicago to New York for 10 cents per 100 lbs., or $2.00 per ton, then the charge for the same class of freight from Harrisburg to Philadelphia—only one-tenth the distance over the same line—should not be more than $2.00 per ton. If the Pennsylvania Railroad Company carried from Chicago to Philadelphia for $1.00 per ton, then the charge from Lancaster, Harrisburg, Pittsburg, or other intervening points on the main line, should not be more than $1.00 per ton. This was all that the "short haul" clause said or meant.

The best railroad authority in the country, including Trunk Line Commissioner Fink, has pronounced in favor of this principle.

The Trunk Line pool recognizes this idea through the "Differentials" and through the McGarahan table in fixing the rates of freight on through traffic from competitive points in the West to the seaboard.

In addition to these authorities, and in confirmation of the assertion that the people of this Commonwealth are entitled to whatever advantages might accrue from the application of the distance principle, there can be found in the office of the Auditor-General, at Harrisburg, a contract between the Pennsylvania Railroad Company and the State wherein the Railroad Company, in consideration of certain concessions granted by the State, agreed to comply with the "short-haul" principle. The clause referred to appears in what is known as the Commutation of Tonnage Act, and reads as follows:

"Nor shall the rates charged to any local points exceed those charged to any point of a greater distance in the same direction from the place of shipment."

The railroad corporations of the State, and particularly the Pennsylvania Railroad Company, are therefore barred from further contention upon this point. To dispute its correctness is to array them against their own charters, and to force them to quarrel with the State Constitution.

For the purpose of confusing the public mind, and of diverting attention from this phase of the subject, the violators of the Constitution resort to sophistry. They compare the methods of a railroad company with those of a merchant, and then they draw deductions which cannot fail to favor the carrying company. But the two are not on the same footing. A private individual can sell the same class of goods to different persons at different prices, but the common carrier must sell the same amount of transportation to all persons at the same price. A merchant can grade his charges according to quantity, selling more cheaply to the wholesale customer than to the retailer, while a railroad company must haul fifty cars at no less charge per car than it exacts

for hauling one car. A merchant can discriminate between a regular customer and a new one, while a railroad company must carry for all persons alike. In fixing the price at which he sells his goods, a merchant can consider his own interests solely; but the railroad company, in selling its services as a transporter, must respect the obligation of its charter, and must subordinate the stockholders' interest to the public interest. A merchant's establishment is private property, on which the public is not allowed to trespass. The tracks of a railroad company are open to all persons who conform to certain police regulations. Hence, a railroad company is not a merchant. This is the spirit of the law as it is incorporated in our Constitution and in the charter of every railroad company operating within the boundaries of Pennsylvania.

The men who run these concerns seem to have forgotten that a railroad is a public avenue of trade; that its officers are agents of the State, acting for the whole people; that it occupies a public relation to the government, and is, in fact, a public trust. The stockholders who build and operate a railroad contract to carry for all persons without discrimination, and they thereby draw the line which distinguishes the railroad company from the merchant.

Acting on the theory laid down by the General Solicitor of the Pennsylvania Railroad Company, at Harrisburg, April 9, 1885, that "business is stronger than law," these men override the obligations of contract and the guaranteed rights of the people by charging what the traffic will bear. For roadway and equipment of lines in Pennsylvania that cost $471,179,712, they have issued securities to the amount of $823,785,780, thereby taxing the industries of the State to pay interest on $352,586,068 of watered capital. They carry from Chicago to New York for less than they will carry from points like Lancaster and Harrisburg to Philadelphia. This is done by an arbitrary classification of traffic into "through" and "local"—"through" traffic including all business which originates west of the trunk line terminals, such as Pittsburg and Erie, and finds its terminus at New York, Philadelphia, Baltimore or Boston; also all business which originates at either of these eastern points, and finds its terminus west of the trunk line terminals. The Pennsylvania Railroad Company has carried grain from Chicago to Liverpool for less than it would carry from points in Pennsylvania to Philadelphia. It has carried goods from Philadelphia, and even from Pittsburg, to New York and back again over the same tracks, past Philadelphia and Pittsburg to the West, for less than it will carry direct from these points to the West. It taxes a merchant in Pennsylvania because he is located in non-competitive territory, and exempts another shipper because he hails from competitive territory in Ohio. It taxes the Pennsylvanian because he is a local shipper, and exempts a shipper from a Western State because he is a through shipper.

Because of these discriminations in favor of the through shipper, the State of Pennsylvania, which had natural advantages for agricultural growth possessed by few other States in the Union, not only declined in farm values to the extent of 15 per cent. between the years 1870 and 1880, but at the close of that period it was actually behind all other States in the proportion which its annual farm production bore to farm values. In other words, a dollar invested in farm land in Pennsylvania yielded less return than the same amount of money yielded in any other State, as will be seen by the following table:

Percentage of Farm Production to Farm Value in 1880.

NORTH ATLANTIC GROUP.			
Maine	.21	Connecticut	.15
New Hampshire	.17	New York	.16 4/5
Vermont	.20	New Jersey	.15 1/2
Massachusetts	.16 1/2	Pennsylvania	.13 1/6
Rhode Island	.14		
SOUTH ATLANTIC GROUP.			
Delaware	.17	North Carolina	.38
Maryland	.17	South Carolina	.61
Dist. of Columbia	.14	Georgia	.59
Virginia	.21	Florida	.36
West Virginia	.14		
NORTHERN CENTRAL GROUP.			
Ohio	.14	Iowa	.24
Indiana	.18	Missouri	.25
Illinois	.20	Dakota	.25
Michigan	.18	Nebraska	.29
Wisconsin	.20	Kansas	.22
Minnesota	.25		
SOUTHERN CENTRAL GROUP.			
Kentucky	.21	Louisiana	.71
Tennessee	.30	Texas	.38
Alabama	.72	Arkansas	.59
Mississippi	.68		
WESTERN GROUP.			
Montana	.62	Nevada	.52
Wyoming	.44	Idaho	.54
Colorado	.20	Washington Ter.	.30
New Mexico	.34	Oregon	.23
Arizona	.54	California	.22
Utah	.23		

Though Pennsylvania exceeded every other Middle State in 1870 in the percentage of production to farm value, it had fallen in 1880 below all of them, as will be seen by the following:

	1870.	1880.
New York	.11	.16 4/5
New Jersey	.16	.15 1/2
Pennsylvania	.17 3/5	.13 1/6
Delaware	.17 1/2	.17

When it suits their purposes the railroad companies discriminate in favor of large shippers, as well as through shippers. The inevitable result of this favoritism is the ruin of the small operator and the monopolizing of all business by a few concerns.

Under the policy of discriminating in favor of the large shipper when its purposes are served by so doing, the Pennsylvania Railroad Company handed over one of the greatest sources of natural wealth to be found in this country to the Standard Oil Company. Had not rebates been given on account of quantity, that gigantic monopoly would not have been possible, nor would it have amassed large fortunes for twenty men while ruining thousands.

The same policy is destroying many of the interior towns of Pennsylvania. It has turned all the grain export trade of Philadelphia into a few hands; it has given three firms the lion's share of the coal production of the Clearfield region; it has driven nearly all the iron business along the main line of the Pennsylvania Railroad into four large

establishments; it has concentrated the mining of anthracite coal into the control of six railroad companies, and it has furnished the temptation to a railroad company to become its own customer.

The tendency to favor the large shipper generally increases the cost to the consumer, and is therefore a public calamity, having enabled about six men, managing about ten companies, to crush out small shippers, and to deliver the empire of Pennsylvania, with its enormous mineral wealth and its large productive interests, into the complete control of gigantic and illegitimate monopolies.

In the single item of coal, the people of Philadelphia have been robbed to the extent of five million dollars a year, and the manufacturers of Pennsylvania are forced to pay more than the mills of New England for their coal.

The discriminations of the railroad corporations of Pennsylvania have repressed our agricultural production; they have driven manufacturers out of the State; they have exercised a terrorism over merchants; they have undermined industries; they have increased the cost of living, and have burned the candle for the people at both ends. In Philadelphia the manufacturers have been taxed on the raw products which they bring in and on the finished products which they send out. Every one of the important grain shipping points in the State on the lines of the Pennsylvania Railroad is taxed $1.14 per ton to help pay for losses incurred by the corporation on its New Jersey and western leases, and to pay a profit of 22 per cent. per annum on the cost of the road and equipment.

When confronted with these facts, the railroad managers say, We are forced to do this by the laws of trade. Do the laws of trade permit a railroad company to charge less for carrying one thousand miles than it does for fifty miles? Do they entitle a farmer in Illinois to a market in Pennsylvania that is denied to the farmer of our own State? Do the laws of trade justify a railroad company in robbing one person or one community in order that this carrier may make good the losses it has incurred in competing at less than cost for the trade of another section?

This abuse touches the pocket-nerve of every Pennsylvanian, taxing our people to the extent of sixty-three million dollars a year in the three items of grain, coal and oil. No one can reasonably object if the trunk lines, while respecting the "short haul" principle, carry freight from the Western States to the seaboard at low rates; but when they carry at less than cost, and the losses are saddled upon the local traffic of Pennsylvania, as is the case to-day, then there is just cause of complaint as well as ample provocation for the defeat of those legislators who have refused to comply with the oath which each one of them took to "enact appropriate legislation" for the enforcement of the State Constitution.

LITTLE CHICKS.

THE CITY HALL.

Philadelphia can lay claim to possessing the largest building in America. It stands at the intersection of Broad and Market streets, and is designed to accommodate all the courts and municipal departments of the city. It had cost $11,295,194.73 up to the 1st of October, 1885, and it is thought that it will require at least $3,000,000 more to complete the building.

The exterior of the entire structure above the basement, including all its sculptural decorations, is composed of a durable dolomitic white marble from the quarries at Lee, Massachusetts, composed of atomic proportions of carbonate of lime and magnesia.

The dimensions of the building when completed will be as follows:

From north to south	486 ft. 6 in.
From east to west	470 ft.
Area	4½ acres.
Height of main tower	537 ft. 4 in.
Width at base	90 ft.
Centre of clock face	361 ft. above pavement.
Diameter of clock face	20 ft.
Height of upper balcony	296 ft.
Total number of rooms in building	520.
Total amount of floor-room is	14½ acres.
Height of each centre pavilion	202 ft. 10½ in.
" " corner towers	161 ft.
" " basement story	18 ft. 3½ in.
" " principal story	33 ft. 6 in.
" " second story	35 ft. 7 in.
" " third story, centre pavilions	26 ft. 6 in.
" " third story, wings	24 ft. 3 in.
" " " " curtains	20 ft. 5 in.
" " attic of centre pavilions	15 ft.
" " attic of corner towers	13 ft. 6 in.
" " crowning statue	36 ft.
" " figures on centre dormers	17 ft. 6 in.
" " figures on corner dormers	12 ft. 10 in.

The 520 rooms will be occupied by 3000 clerks and other attaches of the city government. The building stands upon the site of old Penn Square, and is surrounded by a grand avenue 135 feet wide on the southern, eastern and western fronts, and 205 feet wide on the northern front. A noiseless pavement covers all the avenues. The several stories will be approached by eight large elevators, two being placed at each corner of the building, to make easy the intercourse of citizens with courts, public offices, and departments of city government. In addition to these means of access there will be a grand staircase in each of the four corners of the building, and one in the south centre, two in the north centre, and two in the east centre pavilions, making nine stairways in all. The entire structure will be fitted with every possible convenience, including heat, light, and ventilation, and the whole is to be absolutely fireproof and indestructible. All of the departments now existing will be abundantly supplied, and a great amount of surplus room will be left for judicial and other city archives, as well as afford room for all growing wants. The area of floor space of the City Hall, exclusive of courtyards, is 181,525 square feet, which is 24,413 square feet in excess of that at the Capitol at Washington.

The earliest movements relating to the present undertaking consisted in the passage of an ordinance by the City Councils, approved December 31, 1868, providing for the erection of the Municipal Building on Independence Square, and designating Commissioners to carry the same into effect.

A strong opposition to Independence Square as the site for the Municipal Building existed in the public mind, and as the Commissioners proceeded with their preparations for carrying out the provisions of the ordinance under which they were acting the opposition became daily more intensified, until it culminated in the passage of a law by the Legislature of the State, approved August 5, 1870, providing for the erection of the public building either on Washington Square or on Penn Square, as the legally qualified voters of the city of Philadelphia might determine at the general election to be held in October, 1870. The election resulted, out of a total of 84,450 votes, in a majority of above 18,800 in favor of the site on Penn Square, which finally disposed of the question. The passage of this law rendered the municipal ordinance of no effect, and relieved the Commissioners acting under it of further duties.

The removal of the iron railings which inclosed Penn Square was begun on January 27, 1871, and this may properly be considered as the date of the actual beginning of the work. On August 10, 1871, the ground was broken by John Rice, the President of the Board of Commissioners, and the first stone of the foundation was laid at 2 P. M. on August 12, 1872. The corner-stone was laid July 4, 1874, by Alfred R. Potter, R. W. Grand Master of Masons of Pennsylvania. The corner-stone was laid in the northeast angle of the tower foundations, and was a block of fine white marble weighing about eight tons.

One of the principal attractions of the City Hall will be the immense tower which will overtop the northern or main entrance at Broad and Filbert streets. It will be 537 feet 4 inches in height, including the crowning statue of William Penn, which alone will be 36 feet in height. An idea of the height of the building may be had by a glance at the list of comparative heights of the principal buildings of the world:

Washington Monument	550 ft.
City Hall, Philadelphia	537 ft. 4 in.
Cologne Cathedral	510 "
Great Pyramid	480 "
Strasburg Cathedral	468 "
St. Peter's, Rome	448 "
St. Stephen's Cathedral, Vienna	441 "
Salisbury Cathedral	404 "
Toraccio of Cremona	396 "
Friburg Cathedral	385 "
Amiens Cathedral	383 "
Church of St. Peter, Hamburg	380 "
The Cathedral, Florence	376 "
Hotel de Ville, Brussels	374 "
Torre Assinelli, Bologna	370 "
St. Paul's, London	360 "
Church of St. Isaac, St. Petersburg	336 "
Cathedral, Frankfort on Main	326 "
Bell Tower, St. Mark's, Venice	323 "
Hotel des Invalides, Paris	310 "
U. S. Capitol, Washington	287 "
Masonic Temple, Philadelphia	230 "

The building is entered by spacious and highly ornate archways on the centre of

ach of the four fronts, the most elaborate nd imposing of which is the entrance from he north, or principal front of the structure, t Broad and Filbert streets. A study of this ntrance will repay any one who has an ppreciation of the novel and the beautiful n architecture,

The façade consists of an archway 18 feet vide and 36 feet high, with ornate archivolts inished with a keystone, on which is sculpured in high relief a likeness of William 'enn, supported by spandrels richly ornanented, with artistic compositions. This ntrance leads to the chambers of Select nd Common Councils and the conversation iall of the members.

There have been used in the construction f the City Hall, from the commencement f the work to the 31st of December, 1884, he following materials:

80,325 cubic feet of concrete foundations.

839,532.3″ cubic feet of foundation stone rom Conshohocken, Pa.

223,241 cubic feet of dressed granite from Concord, N. H., Blue Hill, Me., and Cape Ann, Mass.

700,779.4″ cubic feet of marble from Lee, Mass.

116,231.8″ cubic feet of buff and blue sandtone from Ohio.

3,192 cubic feet of sandstone from Humnelstown, Pa.

41,536 cubic feet of polished granite from he quarries on the Magaguadavic River, near St. George, N. B., and from Quincy and Cape Ann, Mass.

12,500 cubic feet of polished marble from Rutland, Vt., and Montgomery county, Pa.

65,816,700 hard bricks from Philadelphia.

236,020 pressed bricks from Philadelphia.

161,750 white bricks from Philadelphia.

2,264 tons 1774 pounds of cast-iron door and window dressings, askewbacks, bricks, ceilngs, cornices, plates and lintels, etc.

166,938 enameled bricks from Philadelphia.

26,298 square feet of bond slate.

3,723 tons 1696 pounds of rolled iron for doors and roofs.

105 tons 124 pounds of wrought-iron clamps, ties and bolts.

96,700 square feet of roofing slate, sawed and planed, and weighing 794 tons.

Whole number of bricks of all kinds, 66,381,408.

The excavations for the cellars and foundations required the removal of 145,870 cubic yards of earth.

The estimated daily requirement of water for the building, when completed and in full use, is 500,000 gallons. The Public Building Commission has decided that a gravity supply from Belmont Reservoir, with the necessary connection with the Fairmount main, and pumping capacity sufficient for use in emergency, shall be adopted for the supply of the City Hall. A special 12-inch main will have to be laid to carry out this plan.

Besides the Supreme Court, the City Hall at the close of the year 1885 contained the following departments: City Treasury, City Controller, Highways, Bridges and Sewers, Survey, Markets and City Property, Boiler Inspectors, Receiver of Taxes, County Commissioners, Park Commission, Board of Revision, Collector of Delinquent Taxes, Public Building Commission, and the Electrical Department. The headquarters of the First Brigade N. G. of Pa. are also located there.

The Commissioners in charge of the erection of the City Hall at the close of 1885 were as follows:

William Brice, R.,	John L. Hill, R.,
Isaac S. Cassin, D.,	Hiram Miller, R.,
M. H. Dickinson, R.,	Richard Peltz, R.,
Wm. B. Smith, R.,	Sam. C. Perkins, R.,
Wm. S. Stokley, R.,	Jas. R. Gates, R.,
Thos. E. Gaskill, D.,	Chas. Lawrence, R.,

Wm. H. Wright, D.

OFFICERS.

President—Samuel C. Perkins.
Secretary—William B. Land.
Treasurer—William B. Irvine.
Solicitor—Samuel Peltz.
Architect—John McArthur, Jr.
Assistants—{John Ord, Thomas U. Walter.
Superintendent of Construction—Wm. C. McPherson.

FOREIGN CONSULS AT PHILADELPHIA.

Argentine Republic, Edw. Shippen, 532 Walnut street.
Austria and Hungary, Lars Westergaard, 138 South Second street.
Belgium, Dr. Charles E. Sajous, 1630 Chestnut street.
Brazil, John Mason, Jr., 138 South Second street.
Chili, Edw. Shippen, 532 Walnut street.
Colombia, Annibal Gonzales Torras, Girard House.
Denmark, F. F. Myhlertz, 22d and Barker streets.
Ecuador, Edw. Shippen, 532 Walnut street.
France, Pierre de Bouteillier, 524 Walnut street.
German Empire, Charles H. Meyer, 227 Chestnut street.
Great Britain, Robert Charles Clipperton, Consul; Geo. Crump, Vice Consul, 413 Locust street.
Greece, A. H. Lennox, northwest corner Second and Walnut streets.
Hayti, A.H.Lennox, northwest corner Second and Walnut streets.
Italy, Cavalier Nicolo Squitti, 259 South Fourth street.
Liberia, Edward S. Morris, 4 S. Merrick street.
Mexico, Rafael Various, 321 Spruce street.
Netherlands, Lars Westergaard, 138 South Second street.
Nicaragua, Henry C. Potter, 813 Market street.
Orange Free State, South Africa, Charles W. Riley, 1115 Race street.
Paraguay, Francis Wells. 607 Chestnut street.
Peru, George Blaese, 130 Walnut street.
Portugal, John Mason, Jr., 138 South Second street.
Russia, Henry Preaut, 138 S. Second street.
San Domingo, Thos. B. Wanamaker, southwest corner 13th and Market streets.
Spain, Antonio Diaz Mirandi, Consul; Francisco Monjes Merino, Vice Consul, 411 Pine street.
Sweden and Norway, Lars Westergaard, 138 South Second street.
Switzerland, Rudolph Koradi, Consul, 314 York ave.; Werner Itschner, Vice Consul, 712 Market street.
Turkey, J. B. Hamel, Jr., 105 Walnut street.
Uruguay, Charles W. Matthews, 212 South Third street.
Venezuela, Consul, Andres Entrena, 228 South Broad street; Vice Consul, J. B. Hamel, Jr., 105 Walnut street.

RATES OF POSTAGE.

LETTERS, ETC.

	Each 1 ounce.
Mail letters	2 cents.
Drop letters at letter carrier offices	2 "
Drop letters at NON-letter carrier offices	1 "

Drawings, plans, designs and all matter sealed against inspection, 2 cents each ½ oz. or fraction oz.

Registered letters, 10 cents in addition to the proper postage.

SECOND-CLASS MATTER. — Newspapers and periodicals to regular subscribers, quarterly or oftener, 1 cent a lb.

Transient newspapers, 1 cent each 4 oz.

THIRD-CLASS MATTER.—Books (printed and blank), circulars, other printed matter, proof sheets, corrected proof sheets and manuscript, copy accompanying same, valentines, heliotypes, chromos, posters, lithographs, 1 cent each 2 oz.

Newspapers (except weeklies to subscribers), circulars and periodicals, not 2 oz. in weight, deposited in letter carrier offices for local delivery, 1 cent each.

FOURTH-CLASS MATTER.—Printed envelopes in quantity, blank bills, letter heads, blank cards, flexible patterns, plain envelopes and letter paper, sample cards, merchandise, models, sample ores, metals, minerals, seeds, cuttings, bulbs, roots, not exceeding 4 lbs. in weight, 1 cent each oz. or fraction of oz.

Patterns and samples to Canada, 10 cents prepaid for each 8 oz. or fraction.

First, third, and fourth-class matter may be registered at 10 cents each package in addition to regular postage.

All matter not prepaid at letter rates must be so wrapped that it can be examined without destroying the wrapper, and can name contents, from whom, and address, and nothing more. A business card may be printed, impressed, or pasted on the wrappers. Liquids, poisons, explosives, and other dangerous matters are excluded.

POSTAGE TO FOREIGN COUNTRIES.

LETTERS.	Not exc. ½ oz.	Newspapers ea. 2 oz.
Africa, west coast, British possessions	*5 ¢.	1 ¢
Aspinwall	*5 ¢.	1 ¢
New South Wales, Queensland, Victoria, via San Francisco	12 ¢.	2 ¢
Australia, except above places, via San Francisco	5 ¢.	2 ¢
Austria	*5 ¢.	1 ¢
Belgium	*5 ¢.	1 ¢
Bermuda, via New York	*5 ¢.	1 ¢
Brazil	*5 ¢.	1 ¢
Canada, Nova Scotia, etc.	2 ¢.	1 ¢
Newfoundland	*5 ¢.	1 ¢
Cape Good Hope, British Mail	*15 ¢.	3 ¢
Bolivia, via Aspinwall	17 ¢.	4 ¢
Chili, Ecuador, and Peru	*5 ¢.	1 ¢
China—Amoy, Canton, Chee Foo, Hong Kong, Shanghai, via San Francisco	*5 ¢.	1 ¢
China, via England and Brindisi	*13 ¢.	4 ¢
Cuba	*5 ¢.	1 ¢
Denmark	*5 ¢.	1 ¢
France and Colonies	*5 ¢.	1 ¢
Germany	*5 ¢.	1 ¢

LETTERS.	Not exc. ½ oz.	Newspaper ea. 2 oz
Great Britain and Ireland	*5 ¢.	1 ¢
Holland	*5 ¢.	1 ¢
India, British, via Brindisi	*5 ¢.	1 ¢
India, French and Portuguese Colonies	*5 ¢.	1 ¢
Italy	*5 ¢.	1 ¢
Japan and Trisum-po, Corea, via San Francisco	*5 ¢.	1 ¢
Liberia, via Southampton	*5 ¢.	5 ¢
Mexico	*5 ¢.	1 ¢
Natal, British Mail	*15 ¢.	4 ¢
New Zealand, via San Francisco	*12 ¢.	2 ¢
New Zealand, via Brindisi	*15 ¢.	3 ¢
Norway and Sweden	*5 ¢.	1 ¢
Portugal	*5 ¢.	1 ¢
Russia	*5 ¢.	1 ¢
Sandwich Islands, via San Francisco	5 ¢.	1 ¢
Shanghai, via San Francisco	5 ¢.	2 ¢
Spain	*5 ¢.	1 ¢
Switzerland	*5 ¢.	1 ¢
Turkey—Europe and Asia	*5 ¢.	1 ¢
Venezuela	*5 ¢.	1 ¢
West Indies direct, or via St. Thomas	*5 ¢.	1 ¢

The asterisk (*) indicates that the postage may be prepaid or not, at the option of the sender of the letter.

International postal cards, price 2 cents, may be sent to any of the above-mentioned countries, where the postage is designated at 5 cents.

MONEY ORDERS.

No fractions of cents allowed in any money order.

Rates on money orders in United States:—

On orders not exceeding $10	8 cents.
Over $10 to $15	10 "
" 15 " 30	15 "
" 30 " 40	20 "
" 40 " 50	25 "
" 50 " 60	30 "
" 60 " 70	35 "
" 70 " 80	40 "
" 80 " 100	45 "

Money orders to Great Britain or Ireland:—Not exceeding $10, twenty-five cents; over $10 to $20, fifty cents; over $20 to $30, seventy cents; over $30 to $40, eighty-five cents; over $40 to $50, one dollar.

Money orders to German Empire, France, Italy, Canada, Algeria, Switzerland, Jamaica, New Zealand, New South Wales, Victoria, Belgium, Portugal, Hawaii, Queensland, Cape Colony, Windward Islands, and Tasmania:—Not exceeding $10, fifteen cents; over $10 to $20, thirty cents; over $20 to $30, forty-five cents; over $30 to $40, sixty cents; over $40 to $50, seventy-five cents.

Money orders can be made payable in Denmark, Sweden and Norway, Netherlands and Luxemburg, through Germany, at German rates. In Austria and Hungary, through Switzerland, at Swiss rates. To India, not exceeding $10, thirty-five cents; over $10 to $20, seventy cents; over $20 to $30, $1; over $30 to $40, $1.25; over $40 to $50, $1.50.

Postal notes are furnished by any postmaster for any amount under $5, at a cost of three cents each.

NATIONAL GOVERNMENT.

EXECUTIVE DEPARTMENT.

President—GROVER CLEVELAND, of New York. Salary, $50,000.
Vice-President—(Vacant.) Salary, 10,000.
Secretary of State—THOMAS F. BAYARD, of Delaware. Salary, $8000.
Secretary of the Treasury—DANIEL MANNING of New York. Salary, $8000.
Secretary of War—WILLIAM C. ENDICOTT, of Massachusetts. Salary, $8000.
Secretary of the Navy—WILLIAM C. WHITNEY, of New York. Salary, $8000.
Postmaster-General—WILLIAM F. VILAS, of Wisconsin. Salary, $8000.
Secretary of the Interior—LUCIUS Q. C. LAMAR, of Mississippi. Salary, $8000.
Attorney-General—AUGUSTUS H. GARLAND, of Arkansas. Salary, $8000.
Commissioner of the General Land Office—W. A. J. SPARKS, of Illinois. Salary, $4000.
Commissioner of Patents—M. C. MONTGOMERY, of Michigan. Salary, $4500.
Commissioner of Pensions—J. C. BLACK, of Illinois. Salary, $5000.
Commissioner of Agriculture—N. J. COLMAN, of Missouri. Salary, $4500.

U. S. SUPREME COURT.

Chief Justice—MORRISON R. WAITE, of Ohio. Appointed 1874. Salary, $10,500.

There are eight Associate Justices, who each receive $10,000 a year salary. Their names, with date of appointment, follow: Samuel F. Miller, Iowa (1862); Stephen J. Field, California (1863); Joseph P. Bradley, New Jersey (1870); John M. Harlan, Kentucky (1877); William B. Woods, Alabama (1880); Stanley Matthews, Ohio (1881); Horace Gray, Massachusetts (1881); S. Blatchford, New York (1882).

U. S. ARMY.

The maximum force allowed by existing law is 2155 commissioned officers and 25,000 enlisted men.

General—Lieutenant-General Philip H. Sheridan. Pay, $13,500.

Major-Generals—Winfield S. Hancock, John M. Schofield, John Pope. Pay, $7500 each.

Brigadier-Generals—Oliver O. Howard, Alfred H. Terry, John Gibbon, George Crook, Nelson A. Miles, David S. Stanley. Pay, $5500 each.

All of the officers above named receive an allowance for "quarters, fuel and forage," in addition to their pay.

U. S. NAVY.

Admiral—David D. Porter. Pay, $13,000.
Vice-Admiral—Stephen Rowan. Pay, $9000.
Rear-Admirals—John L. Worden, E. Y. McCauley, E. Simpson, Earl English, Samuel R. Franklin, Stephen B. Luce, John Lee Davis. Pay, $6000.

The twenty-one Commodores on the active list receive $5000 each; the Captains, $4500 each; the Lieut.-Commodores, $3000 each.

XLIX. CONGRESS.

SENATE.

Salary, $5000 each and mileage. President, $8000. The figures following each name shows when the term expires.

ALABAMA.
J. T. Morgan, *D.* . . '89
J. L. Pugh, *D.* . . . '91

ARKANSAS.
J. H. Berry, *D.* . . '89
J. K. Jones, *D.* . . '91

CALIFORNIA.
Leland Stanford, *R.* '91
J. F. Miller, *R.* . . '87

COLORADO.
T. M. Bowen, *R.* . '89
H. M. Teller, *R.* . . '91

CONNECTICUT.
O. H. Platt, *R.* . . '91
J. R. Hawley, *R.* . '87

DELAWARE.
Eli Saulsbury, *D.* . '89
George Gray, *D.* . . '87

FLORIDA.
Wilkinson Call, *D.* '91
C. W. Jones, *D.* . . '87

GEORGIA.
A. H. Colquitt, *D.* '89
Jos. E. Brown, *D.* . '91

ILLINOIS.
S. M. Cullom, *R.* . '89
John A. Logan, *R.* '91

INDIANA.
D. W. Voorhees, *D.* '91
Ben Harrison, *R.* . '87

IOWA.
Jas. F. Wilson, *R.* '89
W. B. Allison, *R.* . '91

KANSAS.
P. B. Plumb, *R.* '89
J. J. Ingalls, *R.* . . '91

KENTUCKY.
J. B. Beck, *D.* . . . '89
J. C. S. Blackburn, *D.* '91

LOUISIANA.
R. L. Gibson, *D.* . '89
Jas. E. Eustis, *D.* . '91

MAINE.
W. P. Frye, *R.* . . '89
Eugene Hale, *R.* . '87

MARYLAND.
E. K. Wilson, *D.* . '91
A. P. Gorman, *D.* . '87

MASSACHUSETTS.
Geo. F. Hoar, *R.* . '89
H. L. Dawes, *R.* . '87

MICHIGAN.
T. W. Palmer, *R.* . '89
O. D. Conger, *R.* . '87

MINNESOTA.
S. J. R. M'Millan, *R.* '87
D. M. Sabin, *R.* . . '89

MISSISSIPPI.
E. C. Walthall, *D.* . '89
J. Z. George, *D.* . . '87

MISSOURI.
G. G. Vest, *D.* . . . '91
F. M. Cockrell, *D.* '87

NEBRASKA.
C. F. Manderson, *R.* '89
C. H. Van Wyck, *R.* '87

NEVADA.
J. P. Jones, *R.* . . '91
J. G. Fair, *D.* . . . '87

NEW HAMPSHIRE.
A. F. Pike, *R.* . . . '89
H. W. Blair, *R.* . . '91

NEW JERSEY.
J. R. McPherson, *D.* '89
W. J. Sewell, *R.* . . '87

NEW YORK.
W. M. Evarts, *R.* . '91
Warner Miller, *R.* '87

NORTH CAROLINA.
M. W. Ransom, *D.* '89
Z. B. Vance, *D.* . . '91

OHIO.
H. B. Payne, *D.* . '97
J. Sherman, *R.* . . '87

OREGON.
J. N. Dolph, *R.* . . '89
John H. Mitchell, *R.* '91

PENNSYLVANIA.
J. D. Cameron, *R.* '91
J. I. Mitchell, *R.* . '87

RHODE ISLAND.
Jonathan Chase. *R.* '89
N. W. Aldrich, *R.* '87

SOUTH CAROLINA.
M. C. Butler, *D.* . '91
W. Hampton, *D.* . '89

TENNESSEE.
I. G. Harris, *D.* . . '89
H. E. Jackson, *D.* . '87

TEXAS.
Richard Coke, *D.* . '89
S. B. Maxey, *D.* . . 87

VERMONT.
J. S. Morrill, *R.* . . '91
G. F. Edmunds, *R.* '87

VIRGINIA.
H. H. Riddleberger, *I.* '89
Wm. Mahone, *I.* . '87

WEST VIRGINIA.
J. E. Kenna, *D.* . . '89
J. N. Camden, *D.* . '87

WISCONSIN.
J. C. Spooner, *R.* . '91
P. Sawyer, *R.* . . '87

RECAPITULATION.—Democrats, 34; Republicans, 40; Independents, 2.

HOUSE OF REPRESENTATIVES.

Salary of Members, $5000 each and mileage. Speaker, $8000. Under the apportionment 1883 the House consist of 325 members. The last previous apportionment provided for 2 members.

ALABAMA.

James T. Jones, *D.* — Thos. W. Sadler, *D.*
Hilary A. Herbert, *D.* — John M. Martin, *D.*
Wm. C. Oates, *D.* — W. H. Forney, *D.*
Alex. C. Davidson, *D.* — Joseph Wheeler, *D.*

ARKANSAS.

Poindexter Dunn, *D.* — John H. Rogers, *D.*
C. R. Breckinridge, *D.* — Samuel W. Peel, *D.*
T. C. McCrea, *D.*

CALIFORNIA.

Barclay Henley, *R.* — W. W. Morrow, *R.*
J. A. Louttit, *R.* — Chas. N. Felton, *R.*
Jos. McKenna, *R.* — H. H. Markham, *R.*

COLORADO.

Geo. D. Symes, *R.*

CONNECTICUT.

John R. Buck, *R.* — John T. Wait, *R.*
Chas. L. Mitchell, *D.* — E. W. Seymour, *D.*

DELAWARE.

Chas. B. Lore, *D.*

FLORIDA.

R. H. M. Davidson, *D.* — Chas. Dougherty, *D.*

GEORGIA.

Thos. M. Norwood, *D.* — James H. Blount, *D.*
Henry G. Turner, *D.* — J. C. Clements, *D.*
Charles F. Crisp, *D.* — Seaborn Reese, *D.*
Henry R. Harris, *D.* — Allen D. Candler, *D.*
N. J. Hammond, *D.* — Geo. T. Barnes, *D.*

ILLINOIS.

R. W. Dunham, *R.* — W. H. Neese, *D.*
Frank Lawler, *D.* — James M. Riggs, *D.*
James H. Ward, *D.* — Wm. M. Springer, *D.*
George E. Adams, *R.* — J. H. Rowell, *R.*
A. J. Hopkins, *R.* — J. G. Cannon, *R.*
Robert R. Hitt, *R.* — S. Z. Landes, *D.*
T. J. Henderson, *R.* — John R. Eden, *D.*
Ralph Plumb, *R.* — Wm. R. Morrison, *D.*
Lewis E. Payson, *R.* — R. W. Townshend, *D.*
N. E. Worthington, *D.* — John R. Thomas, *R.*

INDIANA.

John J. Kleiner, *D.* — Jas. T. Johnston, *R.*
Thomas R. Cobb, *D.* — T. B. Ward, *D.*
Jonas G. Howard, *D.* — W. D. Owen, *R.*
Wm. S. Holman, *D.* — George W. Steele, *R.*
C. C. Matson, *D.* — Robert Lowry, *D.*
Thos. M. Browne, *R.* — G. Ford, *D.*
W. D. Bynum, *D.*

IOWA.

Benton J. Hall, *D.* — E. H. Conger, *R.*
J. H. Murphy, *D.* — W. P. Hepburn, *R.*
D. B. Henderson, *R.* — J. Lyman, *R.*
W. E. Fuller, *D.* — A. J. Holmes, *R.*
B. F. Frederick, *D.* — Isaac S. Struble, *R.*
J. B. Weaver, *G.*

KANSAS.

E. N. Morrill, *R.* — J. A. Anderson, *R.*
E. H. Funston, *R.* — Lewis Hanback, *R.*
B. W. Perkins, *R.* — Samuel R. Peters, *R.*
Thomas Ryan, *R.*

KENTUCKY.

W. J. Stone, *D.* — W. C. P. Breckinridge, *D.*
Polk Laffoon, *D.* — Jas. B. McCreary, *D.*
J. E. Halsell, *D.* — W. H. Wadsworth, *R.*
T. A. Robertson, *D.* — W. P. Taulbee, *D.*
Albert S. Willis, *D.* — Frank L. Wolford, *D.*
John G. Carlisle, *D.*

LOUISIANA.

Louis S. Martin, *D.* — N. C. Blanchard, *D.*
M. Hahn, *R.* — J. Floyd King, *D.*
E. J. Gay, *D.* — Alfred B. Irion, *D.*

MAINE.

Thomas B. Reed, *R.* — Seth L. Milliken, *R.*
Nelson Dingley, Jr., *R.* — Chas. A. Boutelle, *R.*

MARYLAND.

Chas. H. Gibson, *D.* — J. V. L. Findlay, *D.*
Frank T. Shaw, *D.* — Barnes Compton, *D.*
William H. Cole, *D.* — L. E. McComas, *R.*

MASSACHUSETTS.

Robert T. Davis, *R.* — E. F. Stone, *R.*
John D. Long, *R.* — Charles H. Allen, *R.*
A. A. Ranney, *R.* — Frederick D. Ely, *R.*
P. A. Collins, *D.* — William W. Rice, *R.*
Edw. D. Hayden, *R.* — William Whiting, *R.*
H. B. Lovering, *D.* — F. S. Rockwell, *R.*

MICHIGAN.

Wm. C. Maybury, *D.* — E. C. Carleton, *D.*
N. B. Eldredge, *D.* — T. E. Tarsney, *D.*
James O'Donnell, *R.* — B. M. Cutcheon, *R.*
Julius C. Burrows, *R.* — S. O. Fisher, *D.*
C. C. Comstock, *D.* — Seth C. Moffat, *R.*
E. B. Winans, *D.*

MINNESOTA.

Milo White, *R.* — J. B. Gilfillan, *R.*
J. B. Wakefield, *R.* — Knute Nelson, *R.*
H. B. Strait, *R.*

MISSISSIPPI.

John B. Allen, *D.* — Otho R. Singleton, *D.*
J. B. Morgan, *D.* — H. S. Van Eaton, *D.*
T. C. Catchings, *D.* — E. Barksdale, *D.*
Fred. G. Barry, *D.*

MISSOURI.

Wm. H. Hatch, *D.* — John J. O'Neill, *D.*
John B. Hale, *D.* — John M. Glover, *D.*
Alex. M. Dockery, *D.* — Martin L. Clardy, *D.*
James N. Burns, *D.* — Richard P. Bland, *D.*
W. Warner, *D.* — W. J. Stone, *D.*
John T. Heard, *D.* — W. H. Wade, *D.*
John E. Hutton, *D.* — Wm. Dawson, *D.*

NEBRASKA.

A. J. Weaver, *R.* — G. W. E. Dorsey, *R.*
James Laird, *R.*

NEVADA.

Wm. Woodburn, *R.*

NEW HAMPSHIRE.

Martin A. Haines, *R.* — J. A. Gallinger, *R.*

NEW JERSEY.

George S. Hires, *R.* — W. W. Phelps, *R.*
James Buchanan, *R.* — H. Lehebach, *R.*
Robert S. Green, *D.* — Wm. McAdoo, *D.*
James N. Pidcock, *D.*

NEW YORK.

Perry Belmont, *D.* — Joseph Pulitzer, *D.*
Felix Campbell, *D.* — Abram S. Hewitt, *D.*
Darwin R. James, *R.* — T. A. Merriman, *D.*
Peter P. Mahony, *D.* — A. Dowdney, *D.*
A. M. Bliss, *D.* — Egbert L. Viele, *D.*
Nicholas Muller, *D.* — W. G. Stahlnecker, *D.*
John J. Adams, *D.* — Lewis Beach, *D.*
Timothy Campbell, *D.* — John H. Ketcham, *R.*

. G. Lindsley, *R.*
L. G. Burleigh, *R.*
ohn Swinburne, *R.*
eorge West, *R.*
. A. Johnson, *R.*
.. X. Parker, *R.*
. Thos. Spriggs, *D.*
ohn S. Pindar, *D.*
rank Hiscock, *R.*
S. C. Millard, *R.*
Sereno E. Payne, *R.*
John Arnot, *D.*
Ira Davenport, *R.*
Charles S. Baker, *R.*
John G. Sawyer, *R.*
J. M. Farquhar, *R.*
John B. Weber, *R.*
W. L. Sessions, *R.*

NORTH CAROLINA.

hos. G. Skinner, *D.*
ames E. O'Hara, *R.*
V. J. Green, *D.*
Vm. R. Cox, *D.*
ames W. Reid, *D.*
R. T. Bennett, *D.*
J. S. Henderson, *D.*
Thos. D. Johnston, *D.*
W. H. H. Cowles, *D.*

OHIO.

. Butterworth, *R.*
has. E. Brown, *R.*
as. E. Campbell, *D.*
has. M. Anderson, *D.*
enj. Lefevre, *D.*
Villiam D. Hill, *D.*
eorge E. Seney, *D.*
ohn Little, *R.*
Vm. C. Cooper, *R.*
acob Romeis, *R.*
Vm. W. Ellsbery, *R.*
A. C. Thompson, *R.*
J. H. Outhwaite, *D.*
C. H. Grosvenor, *R.*
Beriah Wilkins, *D.*
Geo. W. Geddes, *D.*
A. J. Warner, *D.*
Isaac H. Taylor, *R.*
Ezra B. Taylor, *R.*
Wm. McKinley, Jr., *R.*
Martin A. Foran, *D.*

OREGON.

Binger Hermann, *R.*

PENNSYLVANIA.

E. S. Osborne, *R.*
H. H. Bingham, *R.*
Charles O'Neill, *R.*
S. J. Randall, *D.*
Wm. D. Kelley, *R.*
A. C. Harmer, *R.*
Jas. B. Everhart, *R.*
I. Newton Evans, *R.*
D. Ermentrout, D.
John A. Hiestand, *R.*
Wm. H. Snowden, *D.*
John B. Storm, *D.*
Jos. A. Scranton, *R.*
Chas. N. Brumm, *G.*
F. Bound, *R.*
F. C. Bunnell, *R.*
W. W. Brown, *R.*
J. M. Campbell, *R.*
Louis E. Atkinson, *R.*
John A. Swope, *D.*
Andrew G. Curtin, *D.*
Charles E. Boyle, *D.*
James S. Negley, *R.*
Thos M. Bayne, *R.*
Oscar L. Jackson, *R.*
A. C. White, *R.*
Geo. W. Fleeger, *R.*
W. L. Scott, *D.*

RHODE ISLAND.

H. J. Spooner, *R.*
Wm. A. Pierce, *R.*

SOUTH CAROLINA.

Samuel Dibble, *D.*
G. D. Tillman, *D.*
D. Wyatt Aiken, *D.*
W. H. Perry, *D.*
J. J. Hemphill, *D.*
G. W. Dargan, *D.*
Robert Smalls, *R.*

TENNESSEE.

A. H. Pettibone, *R.*
Leonidas C. Houk, *R.*
John R. Neal, *D.*
Benton McMillin, *D.*
J. D. Richardson, *D.*
A. J. Caldwell, *D.*
J. G. Ballentine, *D.*
J. M. Taylor, *D.*
P. T. Glass, *D.*
Zachary Taylor, *R.*

TEXAS.

Charles Steward, *D.*
John H. Reagan, *D.*
James H. Jones, *D.*
D. B. Culbertson, *D.*
J. W. Throckmorton, *D.*
Olin Wellbom, *D.*
Wm. H. Crain, *D.*
James F. Miller, *D.*
Roger Q. Mills, *D.*
Jos. D. Sayers, *D.*
S. W. T. Lanham, *D.*

VERMONT.

John W. Stewart, *R.* Wm. W. Grout, *R.*

VIRGINIA.

Thomas Croxton, *D.*
H. Libby, *R.*
George C. Cabell, *D.*
J. Rand'h Tucker, *D.*
C. T. O'Ferrell, *D.*
George D. Wise, *D.*
James D. Brady, *R.*
J. S. Barbour, *D.*
C. F. Trigg, *D.*
John W. Daniel, *D.*

WEST VIRGINIA.

Nathan Goff, Jr., *R.*
W. L. Wilson, *D.*
C. P. Snyder, *D.*
Eustace Gibson, *D.*

WISCONSIN.

L. B. Caswell, *R.*
Edward S. Bragg, *D.*
R. M. La Follette, *R.*
I. W. Van Shaik, *R.*
Joseph Rankin, *D.*
R. Guenther, *R.*
O. B. Thomas, *R.*
William T. Price, *R.*
Isaac Stephenson, *R.*

RECAPITULATION.

	Dem.	Rep.	Ind.
Senate	34	40	2
House	184	139	2
	218	179	4

TERRITORIAL DELEGATES.

Arizona . . . Curtis C. Bear, *R.*
Dakota . . . Oscar S. Gifford, *R.*
Idaho . . . . John Hailey, *D.*
Montana . . . Joseph K. Toole, *D.*
New Mexico. Antonio Joseph, *D.*
Utah. . . . . John T. Caine (People's ticket).
Washington . Charles S. Voorhees, *D.*
Wyoming . . Joseph M. Carey, *R.*

U. S. MINISTERS ABROAD.

Countries.		App.
Argentine Rep.	Bailess W. Hanna.	1885
Austria	(Vacant).	
Belgium	Lambert Tree.	1885
Bolivia	William A. Seay	1885
Brazil	Thomas J. Jarvis	1885
Central America	H. C. Hall, N. Y.	1882
Chili	William R. Roberts	1885
China	Charles Denby	1885
Colombia	W. L. Scruggs, Tenn.	1882
Corea	Lucius H. Foote, Cal.	1883
Denmark	Rasmus B. Anderson	1885
France	Robert M. McLane	1885
Germany	George H. Pendleton	1885
Great Britain	E. J. Phelps.	1885
Greece, Roumania, Servia	Walter Fearn	1885
Hawaiian Islands	George W. Merrill	1885
Hayti	John E.W. Thompson.	1885
Italy	John B. Stallo.	1885
Japan	Richard B. Hibbard	1885
Liberia	Moses A. Hopkins	1885
Mexico	Henry R. Jackson	1885
Netherlands	Isaac Bell, Jr.	1885
Persia	F. H. Winston	1885
Peru	C. W. Buck	1885
Portugal	E. P. C. Lewis.	1885
Russia	Geo. V. N. Lothrop	1885
Siam	(Vacant).	
Spain	J. L. M. Curry	1885
Sweden, Norway	Rufus Magee	1885
Switzerland	Boyd Winchester	1885
Turkey	S. S. Cox	1885
Uruguay	John E. Bacon	1885
Venezuela	Charles S. Scott	1885

STATE AND TERRITORIAL GOVERNMENTS.

STATES AND TERRITORIES.	CAPITALS.	GOVERNORS.	SALARIES.	TERM YEARS.	TERMS EXPIRE.	NEXT SESSION LEGIS'E BEGINS.	LEGIS'E. JOINT BALLOT.	REP. IN CONG.	TIME OF ELECTION.	POPULATION. CENSUS 1880.	AREA, SQ. MI.
Alabama	Montgomery	E. A. O'Neal, *D.*	$3,000	2	Nov., 1886	*Nov., 1886	Dem.	8	First Monday in August	1,262,505	50,722
Alaska Territory	Sitka	†A. R. Swineford, *D.*	3,000	..	May, 1889	..	..	..	..	..	577,390
Arizona Territory	Tucson	†C. Myers Zulich, *D.*	2,600	4	Oct., 1889	*Jan., 1887	Rep.	¶ 1	Tuesday after first Monday in Nov.	40,440	113,916
Arkansas	Little Rock	Simon P. Hughes, *D.*	3,500	2	Jan., 1887	*Jan., 1887	Dem.	5	First Monday in September	802,525	52,198
California	Sacramento	George Stoneman, *D.*	6,000	4	Jan., 1887	*Jan., 1887	Dem.	6	Tuesday after first Monday in Nov.	864,694	188,981
Colorado	Denver	Benjamin H. Eaton, *R.*	3,000	2	Jan., 1887	*Jan., 1887	Dem.	1	First Tuesday in October	194,327	104,500
Connecticut	Hartford	Henry B. Harrison, *R.*	2,000	2	Jan., 1887	Jan., 1887	Rep.	4	Tuesday after first Monday in Nov.	622,700	4,750
Dakota Territory	Bismarck	†Gilbert A. Pierce, *R.*	2,600	4	May, 1888	*Jan., 1887	Rep.	¶ 1	" " " " "	135,177	152,000
Delaware	Dover	Charles C. Stockley, *D.*	2,000	4	Jan., 1887	*Jan., 1887	Dem.	1	" " " " "	146,608	2,120
District of Columbia	Washington	..	..	..	..	..	..	..	..	177,624	60
Florida	Tallahassee	E. A. Perry, *D.*	3,500	4	Jan., 1889	*Jan., 1887	Dem.	2	Tuesday after first Monday in Nov.	269,493	59,218
Georgia	Atlanta	H. D. McDaniel, *D.*	3,000	2	Nov., 1886	*Nov., 1888	Dem.	10	First Wednesday in October	1,542,180	58,000
Idaho Territory	Boise City	†E. A. Stevenson, *D.*	2,600	4	Sept., 1889	*Dec., 1889	Rep.	¶ 1	First Wednesday in November	32,610	90,932
Illinois	Springfield	R. J. Oglesby, *R.*	6,000	4	Jan., 1889	*Jan., 1887	Rep.	20	Tuesday after first Monday in Nov.	3,077,871	55,410
Indiana	Indianapolis	Isaac P. Gray, *D.*	5,000	4	Jan., 1889	*Jan., 1887	Dem.	13	" " " " "	1,978,301	33,809
Iowa	Des Moines	William Larrabee, *R.*	4,000	2	Jan., 1888	*Jan., 1888	Rep.	11	" " " " "	1,624,650	55,015
Indian Territory	Talequah	..	..	..	..	..	..	..	..	..	68,991
Kansas	Topeka	John A. Martin, *R.*	3,000	2	Jan., 1887	*Jan., 1887	Rep.	7	Tuesday after first Monday in Nov.	996,096	88,318
Kentucky	Frankford	J. Proctor Knott, *D.*	5,000	4	Sept., 1887	*Dec., 1887	Dem.	11	First Monday in August	1,648,690	37,680
Louisiana	Baton Rouge	S. D. McEnery, *D.*	4,000	4	May, 1888	*May, 1888	Dem.	6	First Monday in November	939,946	41,346
Maine	Augusta	Frederick Robie, *R.*	2,000	2	Jan., 1887	*Jan., 1887	Rep.	4	Second Monday in September	648,936	35,000
Maryland	Annapolis	Henry D. Lloyd, *D.*	4,500	4	Jan., 1888	*Jan., 1888	Dem.	6	Tuesday after first Monday in Nov.	934,943	11,124
Massachusetts	Boston	G. D. Robinson, *R.*	4,000	1	Jan., 1887	Jan., 1887	Rep.	12	" " " " "	1,783,085	7,800
Michigan	Lansing	R. A. Alger, *R.*	1,000	2	Jan., 1887	*Jan., 1887	Rep.	11	" " " " "	1,636,937	56,451
Minnesota	St. Paul	L. F. Hubbard, *R.*	3,800	3	Jan., 1887	*Jan., 1887	Rep.	5	" " " " "	780,773	83,531
Mississippi	Jackson	Robert Lowry, *D.*	4,000	4	Jan., 1890	*Jan., 1888	Dem.	7	" " " " "	1,131,597	47,156
Missouri	Jefferson City	J. S. Marmarduke, *D.*	5,000	4	Jan., 1889	*Jan., 1887	Dem.	14	" " " " "	2,168,380	65,350
Montana Territory	Helena	†S. J. Howser, *D.*	2,600	4	July, 1889	*Jan., 1887	Rep.	¶ 1	First Monday in November	39,159	143,776
Nebraska	Lincoln	James W. Dawes, *R.*	2,500	2	Jan., 1887	*Jan., 1887	Dem.	3	Tuesday after first Monday in Nov.	452,402	75,955
Nevada	Carson City	Jewett W. Adams, *D.*	6,000	4	Jan., 1887	*Jan., 1887	Dem.	1	" " " " "	62,261	81,539
New Hampshire	Concord	Moody Currier, *R.*	1,000	2	June, 1887	*June, 1887	Rep.	2	" " " " "	346,991	9,280
New Jersey	Trenton	Leon Abbett, *D.*	5,000	3	Jan., 1887	Jan., 1887	Dem.	7	" " " " "	1,131,116	8,320
New Mexico Territory	Santa Fé	†E. G. Ross, *D.*	2,600	4	May, 1889	*Jan., 1888	Rep.	¶ 1	" " " " "	119,565	121,201
New York	Albany	David B. Hill, *D.*	10,000	3	Jan., 1889	Jan., 1887	Rep.	34	" " " " "	5,082,871	47,000
North Carolina	Raleigh	A. M. Scales, *D.*	4,000	4	Jan. 1889	*Jan., 1887	Dem.	9	" " " " "	1,399,750	50,704
Ohio	Columbus	Joseph B. Foraker *R.*	4,000	2	Jan., 1888	*Jan., 1888	Dem.	21	Second Tuesday in October	3,198,062	39,964
Oregon	Salem	Z. L. Moody, *R.*	1,500	4	Jan., 1887	*Jan., 1887	Rep.	1	First Monday in June	174,768	95,274
Pennsylvania	Harrisburg	Robert E. Pattison, *D.*	10,000	4	Jan., 1887	*Jan., 1887	Rep.	28	Tuesday after first Monday in Nov.	4,282,891	46,000
Rhode Island	Newport and Prov.	Geo. Peabody Wetmore, *R.*	1,000	1	May, 1887	Jan., 1887	Rep.	2	First Wednesday in April	276,531	1,306
South Carolina	Columbia	Hugh S. Thompson, *D.*	3,500	2	Dec., 1886	Nov., 1887	Dem.	7	Tuesday after first Monday in Nov.	995,577	34,000
Tennessee	Nashville	William H. Bate, *D.*	4,000	2	Jan., 1887	*Jan., 1887	Dem.	10	" " " " "	1,542,359	45,000
Texas	Austin	John Ireland, *D.*	4,000	2	Jan., 1887	*Jan., 1887	Dem.	11	" " " " "	1,591,749	274,356
Utah Territory	Salt Lake City	†E. H. Murray, *R.*	2,600	4	July, 1888	*Jan., 1888	Dem.	¶ 1	First Monday in August	143,963	88,056
Vermont	Montpelier	S. A. Pingree, *R.*	1,000	2	Oct., 1886	*Oct., 1886	Rep.	2	First Tuesday in September	332,286	10,212
Virginia	Richmond	Fitzhugh Lee, *D.*	5,000	4	Jan., 1890	*Dec., 1887	Dem.	10	Tuesday after first Monday in Nov.	1,512,565	38,352
Washington Territory	Olympia	†Watson C. Squire, *R.*	2,600	4	July, 1888	*Oct., 1887	Rep.	¶ 1	" " " " "	75,116	69,994
West Virginia	Charleston	E. Willis Wilson, *D.*	2,700	4	Mar., 1889	*Jan., 1887	Dem.	4	Second Tuesday in October	618,457	23,000
Wisconsin	Madison	J. M. Rusk, *R.*	5,000	2	Jan., 1887	*Jan., 1887	Rep.	9	Tuesday after first Monday in Nov.	1,315,497	53,924
Wyoming Territory	Cheyenne	†F. E. Warren, *D.*	2,600	4	Feb., 1889	*Nov., 1887	Rep.	¶ 1	First Tuesday in September	20,789	88,000

* Biennial Sessions. † Appointed by President ¶ Delegate

STATE OF PENNSYLVANIA.

Governor—ROBERT E. PATTISON, *D.* Salary, $10,000.
Lieutenant-Governor—CHAUNCEY F. BLACK, *D.* Salaries, $3500.
Secretary of the Commonwealth—WILLIAM S. STENGER, *D.* Salaries, $5100 and fees.
Attorney General—LEWIS C. CASSIDY, *D.* Salaries, $3500 and fees.
State Treasurer—WILLIAM LIVSEY, *R.* Salaries, $6200.
(Matthew S. Quay, *R.*, will assume the office first Monday in May, 1886.)
Secretary of Internal Affairs—J. SIMPSON AFRICA, *D.* Salaries, $3500.
Auditor General—JEROME B. NILES, *R.* Salaries, $4200.
Bureau of Statistics—JOEL B. M'CAMANT, *D.*, Commissioner. Salary, $2000
Superintendent of Public Instruction—ELNATHAN E. HIGBEE, *R.* Salary, $3750.
Adjutant General—P. N. GUTHRIE, *D.* Salary, $3500.
Insurance Department—J. MONTGOMERY FORSTER, *D.*, Commissioner. Salary, $3000.
State Librarian—EDWARD STUCK, *D.* Salary, $1800.
Superintendent of Public Printing—W. HAYES GRIER, *D.* Salary, $2000.
Sup. of Public Buildings and Grounds—W. H. H. STACKPOLE, *R.* Salary, $1400.
State Printer—EDWARD S. MEYERS, *D.*

STATE SENATE.

The Senate consists of thirty-one Republicans and nineteen Democrats. Each Senator receives $1000 per session and mileage; President, *pro temp.*, $500 extra.

1—George Handy Smith, *R.*
2—Joseph P. Kennedy, *D.*
3—F. A. Osborn, *R.*
4—John J. McFarlane, *R.*
5—John E. Reyburn, *R.*
6—Robert Adams, Jr., *R.*
7—John C. Grady, *R.*
8—Benjamin F. Hughes, *R.*
9—Thomas V. Cooper, *R.*
10—C. S. Vandegrift, Jr., *D.*
11—F. R. Brunner, *D.*
12—William H. Sutton, *D.*
13—Amos H. Mylin, *R.*
14—J. M. Stehman, *R.*
15—A. F. Thompson, *R.*
16—M. C. Henninger, *D.*
17—J. P. S. Gobin, *R.*
18—Jeremiah S. Hess, *D.*
19—A. D. Harlan, *R.*
20—L. A. Watres, *R.*
21—M. B. Williams, *R.*
22—John D. Biddis, *D.*
23—J. K. Newell, *R.*
24—W. W. Hart, *D.*
25—Lewis Emery, Jr., *R.*
26—W. M. Nelson, *D.*
27—S. P. Wolverton, *D.*
28—J. H. Ross, *D.*
29—L. R. Keefer, *R.*
30—Charles F. King, *D.*
31—J. B. Selheimer, *D.*
32—Samuel C. Wagner, *D.*
33—H. J. McAteer, *D.*
34—William A. Wallace, *D.*
35—Henry A. Bogs, *R.*
36—J. H. Longnecker, *R.*
37—G. W. Hood, *R.*
38—John G. Hall, *D.*
39—George F. Huff, *R.*
40—Abner Ross, *D.*
41—W. B. Meredith, *R.*
42—Hugh McNeil, *R.*
43—John Upperman, *R.*
44—W. F. Aull, *R.*
45—Samuel S. Steele, *R.*
46—F. H. Agnew, *R.*
47—Samuel McClure, *R.*
48—J. W. Lee, *R.*
49—E. A. Walling, *R.*
50—Homer T. Humes, *D.*

HOUSE OF REPRESENTATIVES.

The House consists of one hundred and forty-one Republicans and sixty Democrats. Members receive $1000 each per session and mileage: Speaker, $500 extra.

ADAMS.
S. S. Stocksleger, *R.*
Ephraim Myers, *R.*

ALLEGHENY.
N. H. Voeghtley, *R.*
James H. Graham, *R.*
B. F. Rynd, *R.*
R. M. Snodgrass, *R.*
S. Mawhinney, *R.*
George W. Richards, *R.*
A. C. Robertson, *R.*
S. W. Church, *R.*
George W. Moore, *R.*
S. M. Lafferty, *R.*
H. K. Sample, *R.*
W. E. Thompson, *R.*
J. F. Cox, *R.*
William Barton, *R.*

ARMSTRONG.
A. D. Glen, *R.*
Robert Dougherty, *R.*

BEAVER.
R. L. Sterling, *R.*
W. H. Marshall, *R.*

BEDFORD.
E. S. Ashcom, *R.*
C. P. Calhoun, *R.*

BERKS.
B. C. Baer, *D.*
J. Z. Beck, *D.*
L. P. G. Fegley, *D.*
J. W. Sponagle, *D.*
H. D. Greene, *D.*
A. G. W. Smith, *D.*

BLAIR.
Edmund Shaw, *R.*
S. B. Isenburg, *R.*

BRADFORD.
J. H. Shaw, *R.*
S. D. Sterigere, *R.*
H. Howell, *R.*

BUCKS.
John Swartz, *D.*
Charles Gaine, *D.*
S. Phillips, *D.*
H. J. Shoemaker, *R.*

BUTLER.
John M. Leighner, *R.*
Joseph Hartman, *R.*

CAMBRIA.
James Cooper, *R.*
Nathaniel Horne, *D.*

CAMERON.
G. A. Barclay, *R.*

CARBON.
John Craig, *D.*
J. W. Malloy, *D.*

CENTRE.
John A. Woodward, *D.*
L. Rohne, *D.*

CHESTER.
Levi B. Kaler, *R.*
T. K. Stubbs, *R.*
William Wayne, *R.*
Levi Fetters, *R.*

CLARION.
A. M. Neely, *D.*
Barney Vensel, D.

CLEARFIELD.
J. H. Norris, *D.*

CLINTON.
A. W. Brungard, *D.*

COLUMBIA.
William Bryson, *D.*
A. L. Fritz, *D.*

CRAWFORD.

F. R. Nichols, *R.*
L. C. Beach, *R.*
John Fuller, *R.*
H. S. Bates, *R.*

CUMBERLAND.

John Graham, *D.*
G. M. D. Eckles, *D.*

DAUPHIN.

Charles A. Miller, *R.*
J. B. Seal, *R.*
J. W. Rife, *R.*

DELAWARE.

Robert Chadwick, *R.*
John H. Robinson, *R*

ELK.

W. H. Horton, *D.*

ERIE.

James Burns, *D.*
J. B. Brown, *R.*
E. K. Nason, *R.*
Thomas Osborn, Jr., *R.*

FAYETTE.

J. B. Schnatterly, *D.*
Jesse M. Boswell, *D.*

FOREST.

Peter Berry, *R.*

FRANKLIN.

James H. Clayton, *R.*
H. G. Critzman, *R.*
J. Burns White, *R.*

FULTON.

J. J. Cromer, *R.*

GREENE.

Andrew Lautz, *D.*

HUNTINGDON.

J. G. Boyer, *R.*
James P. Giles, *R.*

INDIANA.

John Lowry, *R.*
John P. Elkin, *R.*

JEFFERSON.

William Altman, *R.*

JUNIATA.

James North, *D.*

LACKAWANNA.

George Farber, *R.*
John T. Williams, *R.*
M. Gilroy, *R.*

LANCASTER.

S. T. Davis, *R.*
W. H. Brosius, *R.*
M. Heidelbaugh, *R.*
D. D. Courtney, *R.*
John S. Kemper, *R.*
Henry S. Book, *R.*

LAWRENCE.

Silas Stevenson, *R.*
William P. Morrison, *R.*

LEBANON.

John H. Imboden, *R.*
H. S. Gockley, *R.*

LEHIGH.

Hugh E. Crilly, *D.*
Milton R. Schaffer, *D.*
M. B. Harwick, *D.*

LUZERNE.

Charles D. Foster, *R.*
M. B. Hughes, *R.*
Theodore Hart, *R.*
H. C. Magee, *R.*
James A. Sweeney, *D.*
Patrick F. Durkin, *D.*

LYCOMING.

Thomas Dinan, *R.*
Frank Porter, *D.*
J. L. Barclay, *D.*

MERCER.

J. W. Russell, *R.*
R. A. Harsh, *R.*
T. B. Roberts, *R.*

M'KEAN.

Robert H. Rose, *R.*

MIFFLIN.

George S. Hoffman, *R.*

MONROE.

W. E. Gregory, *D.*

MONTGOMERY.

John M. Cunningham, *R.*
W. A. Redding, *R.*
T. J. Stewart, *R.*
W. D. Heebner, *R.*
Samuel Faust, *R.*

MONTOUR.

Jacob P. Hoffa, *D.*

NORTHAMPTON.

J. P. Engleman, *D.*
J. J. Ealer, *D.*
P. C. Evans, *D.*

NORTHUMBERLAND.

James Riland, *D.*
J. W. Brown, *D.*

PERRY.

W. H. Sponsler, *R.*

PHILADELPHIA.

W. S. Mollineaux, *R.*
H. McDonald, *R.*
James C. Hassett, *D.*
George McGowan, *D.*
William Carberry, *D.*
John Donohue, *D.*
Bruno Ernst, *R.*
H. E. Mackin, *D.*
H. K. Boyer, *R.*
William Weild, *R.*
Boise Penrose, *R.*
C. W. Betts, *R.*
J. McCullough, *R.*
A. H. Crawford, *D.*
C. R. Gentner, *D.*
W. H. Vogdes, *R.*
William M. Kidd, *R.*
W. G. McNeill, *R.*
George Robinson, *R.*
George Morgan, *D.*
J. J. McCaffrey, *D.*
John E. Faunce, *D.*
W. F. Stewart, *R.*
J. H. Medlam, Jr., *R.*
Peter Saybolt, *R.*
W. B. Scott, *R.*
George Warman, *R.*
W. H. Keyser, *R.*
E. Bennett, Jr., *R.*
R. R. Deardon, *R.*
W. H. Brooks, *R.*
W. W. Ridge, *R.*
C. W. Thomas, *R.*
John H. Haspel, *R.*
W. McAvoy, *R.*
George McNutt, *R.*
H. P. Connell, *R.*
J. E. Romig, *R.*

PIKE.

M. D. Mott, *D.*

POTTER.

Elymus Hackett, *R.*

SCHUYLKILL.

M. A. Leary, *R.*
D. D. Phillips, *R.*
Thomas Purcell, *D.*
E. W. Thomas, *R.*
Charles W. Sherman, *R.*
John M. Kaufman, *R.*

SNYDER.

George A. Schoch, *R.*

SOMERSET.

A. J. Colborn, *R.*
W. S. Morgan, *R.*

SULLIVAN.

B. S. Collins, *D.*

SUSQUEHANNA.

E. H. True, *R.*
George Ressequie, *R.*

TIOGA.

Horace B. Packer, *R.*
Henry M. Foote, *R.*

UNION.

Albert Schooley, *R.*

VENANGO.

George S. Criswell, *R.*
W. J. Hulings, *R.*
Frank Riddle, *R.*

WASHINGTON.

R. V. Johnson, *R.*
Brit Hart, *R.*
George S. Graham, *R.*

WAYNE.

Charles H. Gardner, *R.*
T. B. Hardenberg, *R.*

WARREN.

Henry Brace, *R.*

WESTMORELAND.

M. M. Dick, *R.*
Thomas J. Williams, *R.*
Robert Dudley, *R.*

WYOMING.

Nelson Lee, *D.*

YORK.

Charles Williams, *D.*
P. J. Barnhart, *D.*
M. J. McKinnon, *D.*
J. P. Robinson, *D.*

RECAPITULATION.

	Republicans.	Democrats.
Senate	31	19
House	141	60

Republican majority on joint ballot, 93.

PENNSYLVANIA ELECTION RETURNS.

COUNTIES.	STATE TREASURER, 1885.				PRESIDENT, 1884.				GOVERNOR, 1882.		
	QUAY, *R.*	DAY, *D.*	SPANGLER, *P.*	WHITNEY, *G.-L.*	BLAINE, *R.*	CLEVELAND, *D.*	BUTLER, *G.-L.*	ST. JOHN, *T.*	PATTISON, *D.*	BEAVER, *R.*	STEWART, *Ind.*
Adams	2045	2419	103	9	3080	3530	32	32	3181	2606	148
Allegheny	18197	9439	861	196	37865	19469	2687	1087	16834	18679	4726
Armstrong	3439	3004	225	2	4685	3591	156	275	3851	3568	185
Beaver	3944	2295	129	77	5075	3546	222	138	3055	2733	734
Bedford	3200	2811	19	20	3985	3815	42	31	3406	3021	192
Berks	6323	10129	89	13	9587	16484	97	129	15922	8142	259
Blair	4549	3446	320	68	6396	4649	133	252	3970	4487	266
Bradford	5229	2386	462	25	8405	4216	304	521	4217	5199	1262
Bucks	6866	6824	125	. .	8191	8304	19	84	7770	6504	603
Butler	2706	2699	318	38	5217	4236	110	387	3564	3491	512
Cambria	3313	3941	249	25	4253	4816	321	177	4247	3279	188
Cameron	512	476	20	. .	757	590	3	4	484	481	86
Carbon	2340	2694	84	31	3250	3392	76	97	3061	2423	177
Centre	2569	2987	139	29	4057	4495	45	98	4178	3299	158
Chester	6681	4711	465	10	10885	7102	85	507	6290	7713	1125
Clarion	2120	3079	71	46	2679	3822	394	139	3478	1969	112
Clearfield	3527	4126	79	34	4271	5169	261	122	4063	2297	128
Clinton	1777	2234	97	10	2625	3025	34	69	2661	1739	218
Columbia	1420	2678	77	37	2443	4339	145	130	4789	1736	102
Crawford	5634	3378	431	255	7233	5633	1190	644	5072	3711	1520
Cumberland	3375	4572	462	17	4659	5375	46	105	4618	3615	373
Dauphin	5758	4267	363	10	9394	6378	170	128	5671	6941	726
Delaware	4535	2777	288	8	7512	4508	38	171	3828	4586	931
Elk	618	840	12	10	1082	1447	127	31	1287	399	150
Erie	5338	3955	627	45	9230	6725	265	631	5727	5218	575
Fayette	3720	3757	221	11	5955	6734	217	215	5168	3908	96
Forest	486	303	49	108	705	437	278	27	275	365	2
Franklin	3526	3131	127	2	5570	5261	13	117	4456	3653	1213
Fulton	692	764	15	. .	928	1256	. .	13	1036	611	86
Greene	1585	2569	115	. .	2260	4246	2	142	3546	1635	29
Huntingdon	2683	1947	52	78	3913	2908	208	165	2562	2420	759
Indiana	2329	1004	249	548	4607	1979	1186	385	1803	3896	140
Jefferson	2843	2246	39	39	3418	2978	131	112	2581	2598	125
Juniata	1368	1717	13	33	1711	1900	41	19	1638	1372	53
Lackawanna	7760	6180	400	23	9656	6171	146	541	6655	5476	752
Lancaster	13146	6742	627	15	19848	9953	43	297	9866	13089	2525
Lawrence	2994	1052	213	28	4322	2048	176	270	1755	2117	584
Lebanon	3619	1868	27	. .	5207	2977	14	8	2778	4313	215
Lehigh	4567	5174	54	6	6357	8095	6	82	7949	5847	98
Luzerne	8777	9077	437	. .	13806	12854	55	537	10830	7317	1642
Lycoming	2651	3182	207	. .	5355	5900	365	214	5114	3386	280
McKean	1434	1137	191	10	3820	2980	501	346	2137	1791	529
Mercer	4218	3088	392	103	6557	4861	518	534	4517	4266	386
Mifflin	1197	1196	50	4	2082	2085	2	64	1776	1375	182
Monroe	551	1783	16	. .	1009	3242	3	24	2934	635	66
Montgomery	8426	7966	292	12	11617	11088	66	215	10578	9288	622
Montour	863	1309	73	14	1165	1755	79	46	1664	1039	75
Northampton	3807	5305	62	17	6327	9491	84	119	8741	4068	645
Northumberland	3697	4255	137	101	5718	5835	279	101	5054	3876	582
Perry	2408	2190	154	. .	3106	2883	2	60	2674	2684	90
Philadelphia	78320	64083	1465	111	101288	71288	778	1279	67411	70875	7992
Pike	347	846	1	. .	512	1141	10	10	1088	258	88
Potter	1003	622	114	. .	1990	1363	182	102	838	834	418
Schuylkill	7633	8387	101	717	11272	11200	1426	149	10550	7362	1017
Snyder	1745	1084	18	. .	2186	1460	1	39	1446	1873	184
Somerset	2839	1441	123	10	4792	2449	24	126	2271	3350	699
Sullivan	379	508	33	18	679	1062	136	44	874	445	30
Susquehanna	3100	2049	432	48	4717	3394	221	472	3198	2864	689
Tioga	4717	1887	203	. .	6714	2681	680	235	2257	2270	2211
Union	1499	1033	59	1	2209	1395	6	60	1404	1303	682
Venango	2385	2325	455	160	3961	3432	687	438	2697	2386	401
Warren	2790	1864	373	116	3948	2691	467	422	1855	1891	439
Washington	5780	4891	439	80	6699	5849	410	383	5238	5192	229
Wayne	1900	1981	178	. .	2829	2894	11	308	2852	1473	774
Westmoreland	6875	6414	366	127	8339	8346	557	307	7242	5644	242
Wyoming	1262	1247	68	4	1960	2027	33	109	1905	1421	165
York	6758	9107	253	. .	8014	11562	4	128	10439	6148	261
Totals	324694	281220	15047	3569	473804	392785	17002	15757	355791	315589	43743

Quay's plurality, 41,482; majority, 22,956. Blaine's plurality, 81,019; majority, 48,260. Pattison's plurality, 40,202. Garfield's plurality in 1880 was 37,276. In 1882, Armstrong, *Lab.*, for Governor received 23,484 votes, and Pettit, *Tem.*, 5196 votes. In 1883, Livsey, *R.*, for Treasurer had 321,050 votes, and Powell, *D.*, had 300,999 votes.

PHILADELPHIA.

CITY OFFICERS.

		Salary.	Term Expires.
MAYOR	WILLIAM B. SMITH, *R.*	$5,000	April, 1887.
CITY SOLICITOR	CHARLES F. WARWICK, *R.*	10,000	April, 1887.
RECEIVER OF TAXES	JOHN HUNTER, *I. R.*	2,500 and commiss'ns	April, 1887.

COUNTY OFFICERS.

CONTROLLER	ROBERT P. DECHERT, *D.*	8,000	Jan., 1888.
TREASURER	FRANK F. BELL, *R.*	10,000	Jan., 1889.
COMMISSIONERS	WM. LAWSON, *R.* WM. S. DOUGLASS, *R.* CHAS. H. KRUMBHAAR, *D.*	each, 5,000	Jan., 1888.
SHERIFF	W. ELLWOOD ROWAN, *R.*	15,000	Jan., 1889.
RECORDER OF DEEDS	GEORGE G. PIERIE, *R.*	10,000	Jan., 1888.
DISTRICT ATTORNEY	GEORGE S. GRAHAM, *R.*	10,000	Jan., 1887.
REGISTER OF WILLS	WILLIAM B. KINSEY, *R.*	10,000	Jan., 1889.
CLERK OF QUARTER SESSIONS	WILLIAM E. LITTLETON, *R.*	5,000	Jan., 1887.
CORONER	THOMAS J. POWERS, *R.*	5,000	Jan., 1887.

CITY COUNCILS.

[To be reorganized April, 1886. Councilmen are not salaried.]

SELECT COUNCIL.

President—JAMES R. GATES, *R.* *Clerk*—JOSEPH H. PAIST, *R.* Salary, $2000.
Assistant Clerk—HENRY W. ROBERTSON, *R.* Salary, $1600. *Clerk and Messenger*—MORTIMER L. JOHNSON, *R.* Salary, $1300.

Wards.	Wards.	Wards.
1. Albert A. Ardis, Sr., *R.*	11. Edward Matthews, *D.*	22. James R. Gates, *R.*
2. Matthias Clifton, *R.*	12. John J. McDevitt, *D.*	23. Thomas Green, *R.*
3. Peter Monroe, *D.*	13. John H. Graham, *R.*	24. John L. Grim, *D.*
4. William McMullin, *D.*	14. Samuel Hart, *R.*	25. George L. Horn, *R.*
5. James B. Anderson, Jr., *R.*	15. James A. Freeman, *R.*	26. James Evans, *R*
6. Thomas J. Ryan, *D.*	16. George W. Scherr, *D.*	27. Edward W. Patton, *R.*
7. John L. Lawson, *R.*	17. George W. Hetrick, *D.*	28. William McMurray, *R.*
8. Theodore M. Etting, *R.*	18. Henry Johnson, *R.*	29. Henry R. Shoch, *R.*
9. Oscar M. Wilson, *R.*	19. Thomas J. Rose, *R.*	30. William Thornton, *R.*
10. Joseph B. Van Dusen, *R.*	20. Thomas M. Hammett, *R.*	31. John Ruhl, *R.*
	21. Wm. B. Trites, M. D., *D.*	

COMMON COUNCIL.

President—CHARLES LAWRENCE, *R.* *Clerk*—JOHN ECKSTEIN, *R.* Salary, $2000.
Assistant Clerk—GEORGE W. KOCHERSPERGER, *R.* Salary, $1600.
Clerks and Messengers—GAVIN NEILSON, *R.*, and GEO. W. JOHNSON, *R.*, Salaries, $1300 each.

Wards.	Wards.	Wards.
1. Charles Lawrence, *R.* Andrew J. Maloney, *R.* J. Frederick Loeble, *R.* William H. Robertson, *R.* William A. Miller, *R.*	15. Thomas M. Thompson, *R.* David C. Cleaver, *R.* John T. McInnes, *R.* Joseph A. Abrams, *R.*	24. William B. Werntz, *R.* Daniel T. Jenks, *R.* Thomas L. Hicks, *R.* L. A. Prince, *R.* John W. Peirson, *R.*
2. James Moran, *D.* George H. McCully, *D.* Charles F. Iseminger, *D.*	16. Henry Clay, *R.* Ellis Ewell, *D.*	Carroll R. Williams, *R.*
3. Joseph D. Murphy, *D.* William Sweeny, *D.*	17. John F. Clark, *D.* John Smith, *D.*	25. Charles A. Kauffman, *R.* John W. Bain, *R.* George H. Buck, *R.* William Holeman, *D.*
4. George H. Hoffman, *D.* Richard Hazard, *D.*	18. Charles F. Beck, *R.* John F. Trenchard, *R.* William R. Claridge, *R.* Charles W. Weyman, *R.*	26. John Steen, *R.* David Thompson, *R.* Joseph Caldwell, *R.* Robert E. Henderson, *R.*
5. James Kenton, *R.* David Mouat, *R.*	19. Henry H. Wisler, *R.* Harrison M. Martin, *R.* Lewis Miller, *R.* Gustave A. Weidner, *R.* Thomas Firth, *R.*	27. John M. Walton, *R.*
6. Francis Wieseman, *D.*		28. John Bardsley, *R.* John M. Vanderslice, *R.* William F. Albrecht, *R.* John D. Heins, *R.* Eli S. Beary, M. D., *R.*
7. Robert L. Pyle, *R.* Jacob Purnell, *R.* Andrew Kinkaid, *R.*		
8. Wencel Hartman, *R.* Harry B. Tyler, *R.*	20. A. Atwood Grace, *R.* Charles K. Smith, *R.* Andrew Zane, Jr., *R.* Gilbert W. Greger, *R.* Harry P. Crowell, *R.*	29. John E. Hanifen, *R.* Elias P. Smithers, *R.* John O. Taxis, *R.* John L. Baldwin, *R.* Gideon Clark, *R.*
9. P. G. Mason, *R.*		
10. J. Raymond Claghorn, *R.* John W. Patton, *R.* George H. Beamer, *R.*		
11. Joseph C. Springer, *D.*	21. Cyrus P. Carmany, *R.* Isaac Wilde, *D.*	30. S. Pemberton Budd, *R.* William McCoach, *R.* Samuel Stewart, *R.*
12. Alexander Reinstine, *D.*	22. Joshua T. Owen, *R.* Thomas Meehan, *R.* George E. Ford, *R.* George B. Edwards, *R.*	
13. Joseph L. Jones, *R.* George Grim, *R.*		
14. William H. Millick, *R.* Lewis T. Young, *R.*	23. Charles E. Webster, *R.* Joseph H. Brown, *R.* Joshua B. Welsh, *R.*	31. Robert S. Leithead, *R.* Watson D. Upperman, *R.* Samuel Goodin, *R.*
15. Uselma C. Smith, *R.*		

POLICE.

MAYOR'S OFFICE, SOUTHWEST CORNER FIFTH AND CHESTNUT STREETS.

All appointments by the Mayor subject to confirmation by Select Councils.

Mayor—WM. B. SMITH, *R.* ($5000.) *Mayor's Clerks*—JOSEPH F. MARCER, *R.*, HOWARD MARCH, *R.* (Salaries, $1500 each.) *Assistant Clerk*—JOHN L. LINTON, *R.* ($1080). *Messenger*—THOMAS H. LEABORN, *R.* ($821.25.)

Chief of Police—James Stewart, Jr., *R.* ($2450.) *Clerk to the Chief of Police*—Joseph W. Thompson, *R.* ($900.) *Police Clerk at the Central Station*—John B. Moffit, *R.* ($1080.) *Fire Marshal*—Charles W. Wood, *R.* ($1800.) *Captains of Police*—First Division, ———; Second Division, ———; Third Division, Harry M. Quirk, *R.*; Fourth Division, Thomas Brown, *R.* Salaries, $1500 each.

DETECTIVE DEPARTMENT.

Chief—Francis R. Kelley, *R.* Salary, $1500.

Detective Officers—All Republicans—James Donaghy, Peter Miller, William R. Hulfish, Kerlin N. Bond, Thomas G. Crawford, Joseph Houser. Salaries, $1130 each.

Magistrates at Central Station—Robert R. Smith, *R.*; Jno. Thompson, *R.*

DISTRICT STATION-HOUSES.

Salaries of Lieutenants, $1092.50 each.

Reserve—Walter Brode, *R.*

First District—Station-house, Fitzwater, below Twentieth. *Lieutenant*, William Warnock, *R.* Second—Second, above Christian. Lewis Gillingham, *R.* Third—Union, above Third. David B. Roche, *R.* Fourth—Fifth, above Race. William H. Shields, *R.* Fifth—Fifteenth, above Locust. Edwin L. Usilton, *R.* Sixth—Eleventh, above Race. Enoch E. Walton, *R.* Seventh—St. John, above Buttonwood. Jacob Albright, *R.* Eighth—Buttonwood, above Tenth. Chas. B. Edgar, *R.* Ninth—Twenty-third and Brown. Joseph H. Jordan, *R.* Tenth—Front and Master. Chas. E. Beale, *R.* Eleventh—Girard avenue, near Otis. George Wood, *R.* Twelfth—Tenth and Thompson. Nathan S. Kemble, *R.* Thirteenth—Manayunk. A. C. Allison, *R.* Fourteenth—Germantown Hall. Alexander Buchanan, *R.* Fifteenth—Frankford. Wm. L. Dungan, *R.* Sixteenth—Thirty-ninth and Lancaster avenue. E. W. Bailey, *R.* Seventeenth—Taylor, below Passyunk avenue. George W. Thompson, *R.* Eighteenth—Dauphin and Trenton avenue. Jas. Ferguson, *R.* Ninteenth—Lombard, below Eighth. Alexander Skilton, *R.* Twentieth—Filbert, above Fifteenth. John K. Myers, *R.* Twenty-first—Darby road and Thirty-eighth. George Blankley, *R.* Twenty-second—Lehigh and Park avenues. Henry Wolfe, *R.* Twenty-third—Jefferson, above Twentieth. E. M. Lyons, *R.* Twenty-fourth—Belgrade and Clearfield. (To be filled.) Delaware Harbor—Front and Noble. George Moore, *R.* Schuylkill Harbor—Fairmount Water Works. William H. Francis, *R.*

The force consists of four captains, eight detectives, twenty-seven lieutenants, fifty-seven sergeants, 54 house sergeants (telegraph operators), 1250 policemen (twenty-five of whom are turnkeys). Salaries of sergeants, $1028.28; house sergeants and nine hundred policemen, $2.38 per day while on actual duty.

POLICE MAGISTRATES.

Salary, $3000 each.

Officers of the Board of Magistrates.—President, ROBERT R. SMITH; Vice-President, ALBERT H. LADNER; Secretary, WILLIAM H. LIST; Treasurer, WILLIAM B. AHERN.

Courts.

No. 1—John F. Pole, *R.* Northeast corner Tenth and Reed streets.
" 2—Hugh Collins, *D.* 1424 South street.
" 3—William Eisenbrown, *D.* Southwest cor. Christian st. and Passyunk ave.
" 4—William D. Lelar, *R.* 602 S. Fifth st.
" 5—Richard J. Lennon, *D.* 121 South Seventh street.
" 6—Israel W. Durham, *R.* 42 S. Sixth st.
" 7—William H. List, *R.* 323 S. Eighth st.
" 8—Robert R. Smith, *R.* 713 Sansom st.
" 9—Samuel W. Clements, *R.* 23 North Juniper street.
" 10—Ebenezer Cobb, *D.* 118 N. Seventh st.
" 11—Albert H. Ladner, *D.* 305 Vine street.
" 12—John Thompson, *R.* 510 N. Eighth st.
" 13—Robert Baird, *R.* 1510 Fairmount ave.
" 14—William B. Ahern, *R.* 959 N. Third st.
" 15—Richard C. Lloyd, *D.* 244 East Girard avenue.
" 16—Robert Gillespie, *R.* 2203 N. Second st.
" 17—John M. O'Brien, *D.* Southwest corner Frankford road and Otis street.
" 18—Benton O. Severn, *R.* 1012 Columbia avenue.
" 19—Joseph S. Riley, *R.* 1242 North Nineteenth street.
" 20—Jas. F. Neall, *R.* 2526 N. Tenth street.
" 21—Thomas W. South, *R.* 4304 Main street, Frankford.
" 22—James L. Brown, *R.* 4836 Main street, Germantown.
" 23—Thomas H. Clark, *D.* 4091 Lancaster avenue.
" 24—Thomas Randall, *R.* 3140 Chestnut st.

The term of Magistrate Thompson expires in April, 1886, that of Magistrate Brown in 1887. The other Magistrates' terms will expire in 1890.

HIGHWAY DEPARTMENT.

OFFICE, CITY HALL.

Chief Commissioner—JOHN D. ESTABROOK, *R.* Salary, $4500. Elected by Councils. Term expires January, 1886.

Assistant Commissioners—William R. Green, *R.*; Thomas Gilligan, *R.*; John B. White, *R.*; John Martin, *R.*; Charles H. Carpenter, *D.* Salaries, $1800 each.

Chief Clerk—Malcolm M. Coppuck, *R.* Salary, $1800.

Assistant Clerks—Isaac R. Martindell, *R.*; Joseph Sturges, *R.* Salaries, $900 each.

License Clerk—J. G. Dixon, *R.* Salary, $1170.

Assistant Clerk—E. W. Smitheman, *R.* Salary, $900.

Miscellaneous Clerk—H. C. Briggs, *R.* Salary, $900.

Street Superintendents—Robert C. Hicks, *R.*; Charles Borne, *R.*; Theodore Vanderslice, *R.*; William Clark, *R.* Salaries, $900 each.

Superintendent of Bridges—A. R. Roberts, *R.* Salary, $1800.

Inspectors of Streets—M. C. Lyons, *D.*, Aaron F. Stull, *R.*, Charles B. Quigley, *D.*, Thomas F. Atmore, *R.*, John E. Manship, *R.*, Thomas P. Gregar, *R.*, Henry Eisenbrown, *D.*, William B. Delaney, *R.*, Jamison Lott, *R.*, F. T. Buckius, *R.*, Matthew Patton, *R.*, Jesse C. Henzey, *R.* Salaries, $900 each.

Messenger—William P. Mower, *R.* Salary, $720.
Janitor—Charles H. Ives. Salary, $480.

SURVEY DEPARTMENT.

OFFICE, CITY HALL.

Chief Engineer and Surveyor—SAMUEL L. SMEDLEY, *R.* Salary, $3600. Elected by Councils. Term expires 1887.
Principal Assistant—J. Milton Titlow, *R.* Salary, $2000.
Assistant Engineer—John K. Little, *R.* Salary, $1800.
Recording Clerk—George Sturges, *R.* Salary, $1500.
Registrar—John H. Dye, *R.* Salary, $1500.
Draughtsmen—W. G. Walbridge, *R.* Salary, $1000. Carl A. Trick, *R.* Salary, $1500. Edward H. Thompson, *R.* Salary, $1000.
Registration Draughtsmen—James W. Simmons, *R.*; H. C. Harmer, *R.*; John Eggleton, *R.*; H. C. Glenn, *R.*; W. H. Wester, *R.*; and Francis Lightfoot, *R.* Salaries, $900 each.
Rodman—J. H. F. Dixon, *R.* Salary, $720.
Clerks—R. B. Davis, *R.*; G. H. Marcer, *R.* Salaries, $900 each.
Janitor—Isaac Holland. Salary, $600.
District Surveyors—Elected by the people for five years. Salaries, $500 each and fees—First District—Thomas Daly, *D.* Second—C. W. Close, *R.* Third—W. C. Cranmer, *R.* Fourth—E. D. Roberts, *R.* Fifth—A. French, *D.* Sixth—Joseph Mercer, *R.* Seventh—W. Albertson, *R.* Eighth—C. A. Sundstrom, *R.* Ninth—H. A. Stallman, *R.* Tenth—George S. Webster, *R.* Eleventh—Joseph Johnson, *R.* Twelfth—W. H. Jones, *R.* Thirteenth—J. Hibberd, *R.*

MARKETS AND CITY PROPERTY.

OFFICE, CITY HALL.

Commissioner—WILLIAM DIXEY, R. Salary, $3400. Elected by Councils. Term expires February, 1886.
Chief Clerk—William Bartley, *R.* Salary, $1500.
Assistant Clerk—D. Oram Young, *R.* Salary, $900.
Superintendent Independence Hall—Robert Liberton, *R.* Salary, $720.
Special Officer Independence Hall—M. V. Donnelly, *R.* Salary, $800.
Clerks of Markets—All Republicans. Salaries, $365 each—Solomon Switzer, Charles H. Holst, John Kane, Edward Macken, Thomas Ennis, Thomas S. Stout, James G. Clark, S. W. Ogden, Samuel Johnson, G. W. Metzger, D. M. Woodward, William Reeves, Albert Schoening, Lewis Kinsley, E. T. Jackson, C. Fite, M. Potts, W. P. Pontzler, G. W. Wright.
Superintendent Morgue—John Glassey, *R.* Salary, $720.
Assistant Superintendent.—John Shannon, *R.* Salary, $420.
Superintendents of Halls and Public Squares—All Republicans—National Museum, Mrs. T. M. Wilson; salary, $405. City Burial Ground, William Taylor; salary, $450. Passyunk Square, George W. Tompson; salary, $650. Fair Hill, P. Rittenhouse; salary, $650. Germantown Hall, Charles Humphries; Franklin Square, John D. Yerkes; Independence Square, Thomas Armitage; Washington Square, W. S. Rigli. Salaries, $750 each. Rittenhouse Square, W. S. Beatty; Logan Square, Horace Green; Jefferson Square, George W. Shaeffer; Norris Square, John H. Myers. Salaries, $650 each.

WATER DEPARTMENT.

OFFICE NORTHWEST CORNER THIRTEENTH AND SPRING GARDEN STREETS.

Chief Engineer—COL. WILLIAM LUDLOW, *D.* Salary, $7000. Elected by Councils. Term expires March, 1886.

APPOINTMENTS OF THE CHIEF ENGINEER.

General Superintendent of Works—John E. Codman *R.* Salary, $3500.
Assistant Engineers—Dana C. Barber, *R.*; Allen J. Fuller, *R.* Salaries, $1200 each.
Draughtsmen—C. O. Lindroth; salary, $1350. T. Mellon Rogers; salary, $1000.
Chief Clerk—J. T. Hickman, *R.* Salary, $2000.
Assistant Clerks—L. L. Dean, *R.* Salary, $1080. Kennedy McNeal, *R.* Salary, $900.
Correspondence Clerk—E. T. Parker, *R.* Salary, $1000.
General Superintendent's Clerk—John A. Hayes. Salary, $900.
Assistant Clerk to General Superintendent—Pauline De Haven. Salary, $850.
Pipe Recording Clerk—William Whitby. Salary, $1000.
Assistant Clerk—Thomas Spence. Salary, $850.
Time Clerk—William J. Innis. Salary, $900.
Messenger—James G. Davis. Salary, $600.
Pipe Inspector—Theodore S. S. Baker, Salary, $1200.
Telephone Operators—Mattie Whittingham, Fannie Shields, George Weikman. Salaries, $360 each.
Registrar—A. N. Keitler. Salary, $3000.
Registrar's Chief Clerk—E. S. Higbee. Salary, $1350.
Cashier—John F. Scheidt. Salary, $1350.
Bill Clerk—William J. Halliday. Salary, $1300.
Permit Clerk—Thomas Orr. Salary, $1080.
Assistant Permit Clerk—Charles H. Russell. Salary, $900.
Registering Clerk—A. Buckheister. Salary, $1080.
Assistant Registering Clerk—W. W. Woddifield. Salary, $900.
Entry Clerks—George Macauley, Charles D. Birney. Salary, $1000 each.
General Clerks—John M. Stacker, Charles L. Hayden, Henry S. Goddard, Harry R. Wildey, George B. Bunn. Salary, $900 each.
Chief Inspector—Joseph Fisher. Salary, $950.
Inspectors.—Edward E. Thomas, Edward M. Rowe, William Erwin, William H. Hergesheimer, William A. Agnew, Lewis Obermiller, James H. Graham, James Cameron, John Simon, Albert C. Weaver, Thomas S. Flanagan, Theodore Yeager, James Buchanan, George Crooks, William Hasson, William L. Kensil, Alexander McConnell, William T. Pound, John Van Dusen. Salaries, $900 each.
Messenger—Thomas J. Lister. Salary, $800.
Superintendent of Repairs—William F. Courtney. Salary, $1500.
Clerk to Superintendent of Repairs—John M. Curtis. Salary, $850.
Purveyor's Clerks—William J. Mackey, Robt. J. Barr, Arthur B. Cook, W. H. Poulson, Jonathan Bonsall. Salaries, $720 each.
General Foremen—James Humes, Michael Young, Daniel Ahern, James Hutchinson, George W. Showaker, Charles Franks. Salaries, $939 each.
Foremen of Repairs—W. W. Wellington, Joseph Bryan, William Magee, Edw. Homan. Salaries, $780 each.

Engineers at Pumping Stations—Fairmount, First Engineer, Joseph McElwell; salary, $1000. Second Engineer, R. K. Matlack; salary, $900. Spring Garden, Engineer in Charge, A. G. Bonsall; salary, $1300. Assistant Engineers, David Pyke, William H. Wakefield, Abram Scott, Theodore Atcheson. Salaries, $950 each. Belmont, Engineer in Charge, Christian Bezold; salary, $1100. Assistant Engineers, William Kiner, Thomas Seddon. Salaries, $900 each. Roxborough, Assistant Engineers, Joshua Bartley, Lewis Culp. Salaries, $810 each. Mount Airy, Engineers, Archibald Weir, William Fletcher. Salaries, $750 each. Chestnut Hill, Engineer, James McClenahan; salary $750. Frankford, Engineer in Charge, Charles Douglass; salary, $1000.

Foreman Carpenter—Henry Guest. Salary, $900.

Foreman Bricklayer—Frank A. Mooney. Salary, $950.

Foreman Stone Mason—Crawford Lukens. Salary, $900.

Foreman Rigger—James Forrest. Salary, $900.

Foreman Laborer—Matthew Richmond. Salary, $675.

General Storekeeper—Samuel Buchanan. Salary, $800.

FIRE DEPARTMENT.

HEAD-QUARTERS, SOUTHWEST CORNER JUNIPER AND RACE STREETS.

Commissioners—Jacob Laudenslager, *R.* (President); Samuel B. Gilpin, *R.*; Blaney Harvey, *R.*; Edward Furlong, *R.*; George Roney, *R.*; William F. McCully, *D.*; Joseph S. Robinson, *D.* Not salaried. Elected by City Councils.

Chief Engineer—John R. Cantlin, *R.* Salary, $2300.

Inspector—J. T. Hammond, *R.* Salary, $1200.

Assistant Engineers—James C. Baxter, *R.*; John Smith, *R.*; William F. Mooney, *D.*; William Stagart, *R.*; John Humphries, *R.* Salaries, $1200 each.

Secretary—William C. Zane, *R.* Salary, $1200.

Clerk of Storehouse—William Hayes, *R.* Salary, $800.

Messenger—Henry Boardman, *R.* Salary, $700.

The Fire Department consists of thirty-two Engines and six Trucks, operated by thirty-two Enginemen, at a salary of $1000 each; thirty-two Firemen, at a salary of $1000 each; thirty-eight Drivers and six Tillermen, at a salary of $800 each; thirty-eight Foremen, at a salary of $1000 each; and three hundred and fifteen Hose- and Laddermen, at a salary of $800 each, who are permanently employed.

ELECTRICAL DEPARTMENT.

HEAD-QUARTERS, CENTRAL STATION, FIFTH AND CHESTNUT STREETS.

Chief—D. R. Walker, *R.*; Salary, $2500.

Clerk—William Culbertson, *R.* Salary, $1200.

Inspector—John C. Sager, *R.* Salary, $1000.

Operators—All Republicans—William H. Carpenter, William Uber, William M. Stuard, Robert Gillan, Edward Burke, Frederick W. Young, Joseph E. Weiss, William McCain. Salaries, $900 each.

DEPARTMENT OF THE POOR.

OFFICE, No. 42 NORTH SEVENTH STREET: ALMSHOUSE, THIRTY-FOURTH AND SOUTH STREETS.

Board of Guardians—P. K. Daly, *D.*; John Huggard, *D.*; Joseph Paxson, *R.* (President); J. Wesley Durham, *R.*; W. R. Chapman, *R.*; William McAleer, *D.*; Lindley Haines, *R.*; James Stuart, *R.* (Treasurer); Thomas Biddle, M. D., *R.*; Richard C. McMurtrie, *R.*; William H. Zeigler, M. D., *R.*; Thomas S. Keyser, *R.*

Superintendent—George H. Smith, *R.* Salary, $2700.

Secretary—Robert C. Floyd, *D.* Salary, $1800.

Chief Physician—D. D. Richardson, *R.* Salary, $2500.

Storekeeper and Chief Clerk—A. F. Randolph, *R.* Salary, $1400.

House Agent—Oliver P. Bohler, *R.* Salary, $1350.

Chief Apothecary—S. W. Miller, M. D., *R.* Salary, $1080.

Overseer of Manufacturing—John B. Snyder, *R.* Salary, $1200.

Outdoor Agent—A. D. W. Caldwell, *R.* Salary, $1350.

Hospital Warden—Thomas N. McLaughlin, M. D., *R.* Salary, $1500.

Messenger—Robert J. Ritchie, *R.* Salary, $650.

Janitor—H. B. Buzby, *R.* Salary, $300.

HEALTH.

OFFICE, SOUTHWEST CORNER SIXTH AND SANSOM STREETS.

Members of the Board—Appointed by the Common Pleas Judges—Horatio G. Sickel, *R.*; A. A. Hirst, *D.*; R. A. Cleemann, M. D., *D.*; Thad. L. Vanderslice, *R.*; Walter Allison, *R.*; William H. Dutton, *D.*; Joseph G. Richardson, M. D., *R.*; A. H. Dingee, *R.*; William H. Ford, M. D., *R.* Elected by City Councils—Marcus A. Davis, *R.*; Joseph G. Patterson, *R.* One vacancy.

Health Officer—M. Veale, *D.* Salary, $2100 and fees.

Port Physician—Henry Leffman, *D.* Salary, $1200.

Lazaretto Physician—Francis S. Wilson, M. D., *D.* Salary, $2500.

Quarantine Master—H. R. Manly, *D.* Salary, $2000.

Chief Clerk—William P. Troth, *R.* Salary, $1800.

Assistant Clerks—John W. Brown, *R.*; George S. Hughes, *R.*; Morris L. Keen, *R.* Salary, $1100 each.

Registration Clerk—George E. Chambers, *R.* Salary, $1200.

Assistants—Hamilton Patterson, *R.*; Charles W. Murray, *R.*; J. V. P. Turner, *R.*; J. T. Johnson, *R.* Salaries, $900 each.

Municipal Hospital—Physician in Charge, William M. Welch, M. D., *R.* Salary, $2000.

Steward—James S. Haynes, *R.* Salary, $640.

Steward of Lazaretto—Robert Carns, *R.* Salary, $2000.

Medical Inspector—J. Howard Taylor, M. D., *R.* Salary, $1900.

Disinfector—Charles F. Kennedy, *R.* Salary, $1000.

Chief Inspector of Nuisances—Sylvester H. Martin, *R.* Salary, $1100.

Inspectors—Edward A. Howell, John J. Jack, William H. Livezey, John W. Cobb, J. W. Jones, Theodore D. Spear, Harry C. McDevitt, H. J. Gideon. Salaries, $900 each.

Poudrette Inspectors—W. J. Byrnes, Francis McBride. Salaries, $900 each.

Collectors of Vital Statistics—W. J. Shaw, Thomas Jones. Salaries, $900 each.

Vessel Inspectors—Samuel M. Town; salary, $500. John Fitzwater; salary $250.

Measurers—John C. Atkinson, Henry Einwechter. Paid by fees.

Messenger—David Brown. Salary, $500.

COUNTY PRISON.

PASSYUNK AVENUE AND REED STREET.

Inspectors—Edward Smith, J. Price Wetherill, Caspar Wister, M. D. (President), Henry D. Welsh, Charles Hill, S. B. Stitt, William M. Reilly, Robert R. Corson, E. Robins, Emlen Hutchinson (Treasurer), Edmund Smith.

Superintendent—Howard Perkins, *R.* Salary, $2250.

Clerk—J. K. Howell, *R.* Salary, $1125.

Deputy Superintendent—A. P. Richardson, *R.* Salary, $1125.

Physician—Benjamin F. Butcher, *R.* Salary, $900.

Apothecary and Assistant Physician.—F. Sharp, *R.* Salary, $810.

Superintendent of Shoe Department—T. K. Bowman, *R.* Salary, $1200.

Prison Agent—Rev. William Camp, *R.* Salary, $1125.

Gate-keepers—C. Abel, *R.*; E. Rogers, *R.* Salaries, $810 each.

Messenger—Henry S. Peterson, *R.* Salary, $810.

Matrons—Elizabeth Matthews, Ann Slover. Salaries, $585 each.

HOUSE OF CORRECTION.

OFFICE, HARMONY AND HUDSON STREETS.

Managers—Robert Laughlin, *R.* (President); Robert C. Tittermary, *R.*; R. G. Oellers, *R.* (Treasurer); William A. Duff, *R.*; John Dunn, *R.*; John Roberts, *R.*; E. A. Shallcross, *R.*; Thomas S. Disston, *R.*; William Summers, *R.*; George A. Hincken, *R.*

Secretary—Edwin Palmer, *R.* Salary, $1200.

General Superintendent—Edwin A. Merrick, *R.* Salary, $2500.

Master Warden—Robert McBride, *R.* Salary, $1500.

Visiting Physician—Benjamin Pennebaker, *R.* Salary, $900.

Chief Engineer—Charles J. Smith, *R.* Salary, $720.

Messenger—E. C. Dunn, *R.* Salary, $648.

Resident Physician—William Robinson, *R.* Salary, $900.

Captain of the Guard—James S. Thompson, *R.* Salary, $900.

Matron—Susan H. Swain. Salary, $675.

CORONER'S OFFICE.

OFFICE, SOUTHWEST CORNER SEVENTH AND CHESTNUT STREETS.

Coroner—Thomas J. Powers, *R.* Salary, $5000. Term expires 1887.

Deputy—Samuel H. Ashbridge, *R.* Salary, $2500.

Physicians—Henry F. Formad, *R.*; Robert R. Stewart, *R.* Salaries, $1250 each.

Clerk—Thomas Dugan, *R.* Salary, $1000.

Assistant Clerk—John S. Donal, *R.* Salary, $700.

Messengers—John Kurtz, John P. Wolf. Salaries, $700 each.

Wagon Driver—John W. Shuman, *R.* Salary, $1800.

Undertaker—J. Louis Good, *R.*

PUBLIC EDUCATION.

OFFICE, 713 FILBERT STREET.

Members of the Board—First Section, A. S. Jenks, *R.* Second, A. Nebinger, M. D., *D.* Third, Samuel F. Flood, *D.* Fourth, P. A. Fagan, *D.* Fifth, John M. Campbell, *D.* Sixth, H. S. Deputy, M. D., *R.* Seventh, Lewis Elkin, *R.* Eighth, Simon Gratz, *R.* Ninth, J. Freeborn, *R.* Tenth, Thomas A. Robinson, *R.* Eleventh, Samuel T. Child, *R.* Twelfth, M. Hall Stanton, *R.* Thirteenth, John L. Kinsey, *R.* Fourteenth, A. M. Spangler, *D.* Fifteenth, James S. Whitney, *R.* Sixteenth, Isaac A. Sheppard, *R.* Seventeenth, James Hughes, *D.* Eighteenth, Alexander Adair, *R.* Nineteenth, William F. Miller, *R.* Twentieth, Joseph C. Ferguson, *R.* Twenty-first, Edward T. Steel, *R.* Twenty-second, Edwin T. Coxe, *R.* Twenty-third, Richardson L. Wright, *D.* Twenty-Fourth, Edward Lewis, *R.* Twenty-fifth, Thomas W. Marchment, *D.* Twenty-sixth, Paul Kavanagh, *R.* Twenty-seventh, William M. Smith, *R.* Twenty-eighth, Charles F. Abbott, *R.* Twenty-ninth, Samuel W. Pennybacker, *R.* Thirtieth, W. J. Pollock, *R.* Thirty-first, James Pollock, *R.*

President—Edward T. Steel.

Secretary—Henry W. Halliwell, *R.* Salary, $2000.

Assistant Secretary—A. F. Hammond, *R.* Salary, $1500.

Superintendent—James McAlister, *R.* Salary, $5000.

Assistant Superintendents—Andrew J. Morrison, *D.*; James F. C. Sickel, *R.* Salaries, $2500 each. Lydia A. Kirby, May Haggenbotham. Salaries, $1800 each.

Clerk to Superintendent—Adele M. Smith. Salary, $800.

Architect and Supervisor of School Buildings—Joseph D. Austin, *D.* Salary, $2000.

Assistant—J. W. Anshutz, *R.* Salary, $1500.

First Clerk—Albert B. Beale, *R.* Salary, $1060.

Second Clerk—L. E. Drake, *R.* Salary, $990.

Third Clerk—William Dick, *R.* Salary, $900.

Messenger—William S. Ruft, *R.* Salary, $900.

TAXES.

ASSESSMENT OF TAXES.

OFFICE, CITY HALL.

Board of Revision—(Appointed by the Board of Judges)—Simon Gratz, *R.*; William Loughlin, *D.*; George W. Fairman, *R.* Salaries, $4000 each.

Chief Clerk—James W. Sayre, *R.* Salary, $2000.

Assistant Clerk—William H. Loughlin, *D.* Salary, $1500.

Division and Locality Clerk—Frank E. Snow, *R.* Salary, $1000.

Allowance Clerk—William A. Cushing, *R.* Salary, $1000.

Appeal Clerk—John W. Woodward, *R.* Salary, $1000.

Certificate Clerk—Charles Van Dusen, *R.* Salary, $1000.

Record Clerk—Horatio N. H. Stockley, *R.* Salary, $1000.

Miscellaneous Clerks—Joseph Allison, *R.*; Charles C. Baker, *R.*; Joseph Matthews, *R.*; Richard J. Loudenslager, *D.*; John K. Loughlin, *D.*; Harry Smith, *R.*; W. R. N. Matchett, *R.*; William J. Van Leer, *R.*; William A. Basler, *R.* Salaries, $1000 each.

Messenger—Davis Moore, *R.* Salary, $700.

Assessors—First District (First Ward and portion of Twenty-sixth Ward, east of Broad street)—Albert List, 1510 South Fifth street; Peter Monroe, 752 South Eleventh street. Second (south side of South street, west side of Broad street to Schuylkill River)—A. M. Maggi, 925 North Twelfth street; R. A. Lukens, 139 Green street. Third (Second, Third and Fourth Wards)—Joseph L. Nobre, 1223 Moyamensing avenue; Joseph Eneu, 712 Washington avenue. Fourth (Fifth and Sixth Wards)—Joseph B. Barry, 812 Walnut street; A. A. Dunton, 1402 South Sixth street. Fifth (north side of South street, south side of Vine street, west side of Seventh street, and east side of Thirteenth street)—John G. Adair, 1420 North Twelfth street; William McMullin, Ninth and Bainbridge streets. Sixth (north side of South street, south side of Chestnut street, west side of Thirteenth street to Schuylkill River)—James D. Keyser, 236 South Twentieth street; Edw. G. Carlin, 523 Vine street. Office, 1324 Walnut street. Seventh (north side of Chestnut street, south side of Vine street, west side of Thirteenth street to Schuylkill River)—Alfred Gratz, 261 South Seventeenth street; C. Haggarty, 786 South Second street. Eighth (north side of Vine street, south side of Master street, west side of Broad street to Schuylkill River)—James E. Ritchie, 608 North Twenty-third street; Howard Josephs, 1438 North Fifteenth street. Ninth (north side of Vine street, south side of Master street, west side of Sixth street to east side of Broad street)—Peter Bobb 1117 Wallace street; F. P. Haggerty, 862 Franklin street. Tenth (Eleventh, Twelfth and Sixteenth Wards)—H. H. Wilson, 2208 Nicetown lane; George R. Berrell, 630 North Eleventh street. Eleventh (Seventeenth and Eighteenth Wards)—Joseph W. Kerr, 1409 Lombard street; John Gormly, 2450 Reese street. Twelfth (north side of Master street, east side of Broad street, west side of Sixth street, and Germantown aveuue)—John H. Haines, 1911 Master street; James O'Hara, 832 North Nineteenth street. Office, southwest corner Twelfth and Girard avenue. Thirteenth (north side of Master street, south side of Lehigh avenue, west side of Broad street to Schuylkill River)—John S. Warner, 86 Haines street, Germantown; John V. McManus, 1429 North Eighteenth street. Fourteenth (Nineteenth Ward)—John T. Finletter, 1750 Frankford avenue; B. Frank Gaskill, 708 West Cumberland street. Fifteenth (Thirty-first Ward)—William G. Lamon, 1410 Hanover street; Charles W. Potter, 2018 Howard street. Sixteenth (Twenty-fifth Ward, south of Wheat Sheaf lane)—William T. Seal, 1418 Bouvier street; Isaac S. Cassin, 1404 North Twelfth street. Seventeenth (Twenty-third Ward and portion of Twenty-fifth Ward, north of Wheat Sheaf lane)—William H. Rushworth, 4514 Mulberry street, Frankford; Edw. H. Flood, 2035 North Twenty-second street. Eighteenth (Twenty-second Ward, South of Chelton avenue, and Twenty-eight Ward, north of Lehigh avenue, and west of Germantown avenue and Broad street)—Fountain Ward, 142 Queen street, Germantown; T. A. Sloan, 237 North Fifth street. Nineteenth (Twenty-first Ward and Twenty-second Ward, north of Chelton avenue)—Josephus Yeakel, Centre street, Manayunk; William H. Doyle, 545 Christian street. Twentieth (Twenty-fourth Ward)—F. M. Mayhew, 731 North Forty-first street, West Philadelphia; Jesse T. Vogdes, 9 North Thirty-fourth street. Twenty-first (Twenty-seventh Ward)—Robert Paschall, Fifty-sixth and Walnut streets; Isaac Leech, Forty-ninth street and Darby road. Office, 619 Walnut street. The first-named in each District is a Republican, the latter is a Democrat. Salaries, $2000.

COLLECTION OF TAXES.

OFFICE, CITY HALL.

Receiver of Taxes—JOHN HUNTER, *I. R.* Salary, $2500 and commissions. Time expires April, 1887.

Chief Clerk—John H. Connellan, *D.* Salary, $2000.

Cashier—Isaac C. Underdown, *R.* Salary, $2500.

Deputy Receiver—Henry C. Stout, *R.* Salary, $2000.

Discount Clerk—James F. Needham, *R.* Salary, $1500.

Bill Clerks—Thomas Wattson, *R.*; William T. Maguire, *R.*; C. Harry Fletcher, *R.*; George De Haven, *R.*; George Richards, *R.*; Anthony D. Levering, *R.*; John McGill, *R.*; George W. Shedwick, *I. R.* Salaries, $1000 each.

Registering Clerks—William Watson, *R.*; Edward E. Joachim, *D.*; William H. Gorman, *R.*; John G. Divine, *R.* Salaries, $1000 each.

Auditor—Millard B. Wimer, *R.* Salary, $1000.

Judicial Sales Clerk—George Taylor Smith, *R.* Salary, $1200.

Chief Search Clerk—W. M. Neisser, *R.* Salary, $1200.

Assistant Search Clerks—John Cartledge, *R.*; Jesse N. Rooke, *R.*; Wilbur F. Preston, *R.*; William S. Hergesheimer, *D.* Salaries, $1000 each.

Messenger—William H. Buck, *R.* Salary, $1000.

Watchman—E. D. Marshall, *I. R.* Salary, $600.

Janitor—John P. Gordon, *R.* Salary, $600.

DELINQUENT DEPARTMENT.

OFFICE, CITY HALL.

Chief Deputy Collector—HENRY B. TENER, *R.* Salary, $2500.

(This office was consolidated with the Receiver of Taxes on April 7, 1884.)

Solicitor—Joseph L. Caven, *R.* Paid by fees.

Lien Solicitor—Kinley J. Tener, *R.* Salary, $1200.

Cashier—Andrew P. Chism, *R.* Salary, $1800.

Registering Clerk—C. M. Berry, *R.* Salary, $1200.

Lien Clerk—Theodore James, *R.* Salary, $1500.

Assistant Lien Clerk—George A. Kline, *R.* Salary, $1000.

Bill Clerk—Walter L. Ward, *R.* Salary, $1200.

Locality Clerk—Jacob L. Reiff, *R.* Salary, $1200.

Deputy Collectors—First Ward—Thomas F. Close; Second—L. T. Lynch; Third—J. L. C. Tatem; Fourth and Fifth—Robert C. Howell; Sixth and Eleventh—John L. Bowers; Seventh—W. J. Carroll; Eighth and Ninth—J. P. Sensenderfer; Tenth—John Ertel; Twelfth and Eighteenth—William P. Stilz; Thirteenth—Isaac H. O'Hara; Fourteenth and Twentieth—James H. Avery; Fifteenth—Ephraim Haws; Sixteenth and Seventeenth—James Nichol; Nineteenth and Thirty-first—Andrew Keiser and Thomas West; Twenty-first—Wilbur H. Preston;

Twenty-second—Daniel L. Stewart; Twenty-third—Franklin Townsend; Twenty-fourth and Twenty-seventh—James R. Bissex. George W. Barton and Charles R. Maguire; Twenty-fifth—Frederick M. Wagner; Twenty-sixth—George L. Harvey; Twenty-eight—James W. Campbell; Twenty-ninth—Charles A. Widmer; Thirtieth—John F Keator. Paid by commissions.

DEPARTMENT OF CITY CONTROLLER.

OFFICE, CITY HALL.

Controller—ROBERT P. DECHERT, *D.* Salary, $8000. Term expires January, 1888.

Chief Clerk—O. C. Bosbyshell, *R.* Salary, $2500.

Chief Auditor—Edwin A. Pue, *D.* Salary, $2500.

Book-keeper—Channing Bingham, *D.* Salary, $1800.

Assistant Book-keeper—John T. Hogan, *D.* Salary, $1200.

Auditors—Salaries, $1200 each—John W. Boileau, Jr., *D.*; John Gallagher, *D.*; Edward C. Deery, *D.*; Silas W. Smith, *D.*; Joseph H. Klemmer, *R.*; John A. Boger, *R.*; John Cassin, *D.*; A. J. Fredericks, *D.*

Department Clerks—All Democrats. Salaries, $1200 each—J. McCarthy, Robert Sheppard, James J. King, Morris Tuteur, Robert S. Monks, James Montague, John R. Lynch.

Return Clerk—A. J. Diamond, *D.* Salary, $1200.

Registers—John H. Cahill, *D.*; Thomas H. Donnelly, *D.*; Charles H. Boyle, *D.* Salaries, $1000 each.

CITY TREASURY.

OFFICE, CITY HALL.

City Treasurer—FRANK F. BELL, *R.* Salary, $10,000. Term expires, 1889.

The following held office under Treasurer Irvine:

Chief Clerk—Carroll Neide, *R.* Salary, $2500.

Receiving Tellers—William A. Robinson, *R.*; Joseph W. Catharine, Jr., *R.* Salaries, $1500 each.

Assistant Receiving Teller—William C. Barnes, *R.* Salary, $1000.

Paying Teller—Charles C. Corcoran, *R.* Salary, $2300.

Assistant Paying Tellers—John Gallagher, *R.* Salary, $1200. James McConnell, *R.* Salary, $1100.

Book-keeper—David C. King, *R.* Salary, $1800.

Assistant Book-keeper—Charles E. Orme, *R.* Salary, $1000.

Warrant Clerk.—C. R. McCauley, *R.* Salary, $1500.

Assistant Warrant Clerks—Frank W. Newbold, *R.*; Samuel McIntire, *R.* Salaries, $1000 each.

State Clerk—Vacancy. Salary, $1500.

Assistant State Clerks—Charles Heidman, *R.*; J. Frederick Volk, *R.*; J. D. Roberts, *R.* Salaries, $1000 each.

Miscellaneous Clerk—John R. Foreman, *R.* Salary, $900.

Messenger—George W. Hewitt, *R.* Salary, $700.

Watchmen—William McPhail, *R.*; William Wallace, *R.* Salaries, $720 each.

RECORDER OF DEEDS.

OFFICE, NO. 425 CHESTNUT STREET.

Recorder—GEORGE G. PIERIE, *R.* Salary, $12,000. Term expires January, 1888.

Deputy Recorder—Joseph K. Fletcher, *R.* Salary, $2500.

Chief Clerk—C. H. Kretschmar, *R.* Salary, $2000.

Chief Search Clerk—Ralph N. Warner, *R.* Salary, $2000.

Search Clerks—William G. Combes, *R.*; Samuel Topham, *R.*; George W. Sayre, *R.* Salaries, $1500 each.

Mortgage Index Clerk—Jacob Adler, *R.* Salary, $1800.

Conveyance Index Clerk—W. S. Ridgway, *R.* Salary, $1200.

Book-keeper—John Pollock, *R.* Salary, $1200.

Conveyance Search Clerks—Samuel A. Welch, *R.*; George W. Brown, *R.* Salaries, $1000 each.

Special Index Clerks—William W. Broom, Joseph Berry, Frank Hartley, John C. Keddis, David McIlwain, George W. Shaffer. All Republicans. Salaries, $1000 each.

Superintendent of Transcribing Room—William F. Anderson, *R.* Salary, $1000.

Miscellaneous Clerks—Benjamin F. Gaunt, Joseph T. Lewis, John A. Maugle, Samuel Sparhawk. All Republicans. Salaries, $1000 each.

Compare Clerks—Samuel R. Clime, *R.*; Frank Naulty, *R.* Salaries, $1000 each.

Messenger—W. P. N. Brown, *R.* Salary, $700.

Janitor—James H. Parker, *R.* Salary, $600.

Custodian of Records—George W. Brode, *R.* Salary, $700.

Transcribing Clerks—All Republicans—William Bayle, Spry Owen, Christian F. Gramlich, Robert M. Moore, Jr., Clayton G. Young, Clement M. Hemphill, Nicholas F. English, S. D. Cozzens, J. P. Castor, F. J. Doerr, G. T. Justus, J. Weichselbaum, G. W. Kelly, H. McNamee, S. B. Priest, W. Fittler, C. G. Franks, A. Bateman, W. H. Beam, J. W. Allen, J. Magarge, J. M. Fleming, R. S. McClain, F. H. Pierie, F. W. Carpenter, A. W. Fait, C. H. Schell, William Bayle, S. F. Prentzel, Joseph Coward, Alf. Gudnecht, J. Greenbank, T. Schaffer, W. S. Godfrey, J. P. Barton, George Miller, W. H. Beideman. Salaries, forty per cent. of fees received.

REGISTER OF WILLS.

OFFICE, 419 CHESTNUT STREET.

Register—WILLIAM B. KINSEY, *R.* Salary, $5000. Term expires 1889.

The following were employed under Register Rex:

Deputy Register—William G. Shields, *R.* Salary, $2000.

State Appraiser—Gen. J. William Hoffman, *I.* Salary, $1500.

Transcribing Clerks—Samuel M. Lane, *R.*; Walter H. McGuire, *D.* Salaries, $1000 each.

Account Clerks—Lewis Chester, *D.*; Henry A. McKane, *D.* Salaries, $1000 each.

Recording Clerks—Charles Irwin, *R.*; James L. Cooper *R.* Salaries, $1000 each.

Miscellaneous Clerk—C. Morris Glackens, *D.* Salary, $1000.

Messenger—J. Dudley Worman, *D.* Salary, $800.

QUARTER SESSIONS.

Clerk—WILLIAM E. LITTLETON, *R.* Salary, $5000. Term expires 1887.

Deputy Clerk—Richard Peltz, *R.* Salary, $2500.

Court Clerk—A. Wilson Henszey, *R.* Salary, $2500.

Assistant Clerks—Lewis Dunlap, *R.*; Charles H. Good, *R.* Salaries, $1200 each.
Record Clerk—Benjamin N. Faunce, *R.* Salary, $1200.
Fee Clerk—J. Elmer Hall, *R.* Salary, $1200.
Road Clerk—Henry Selby, *R.* Salary, $1000.
Search Clerk—William L. Foreman, *R.* Salary, $900.
Subpœna Clerk—George W. Hutchinson, *R.* Salary, $900.
Miscellaneous Clerk—Charles Yoce, *R.* Salary, $900.
Messenger—Isaac C. White, *R.* Salary, $700.

DISTRICT ATTORNEY.

OFFICE, NEW COURT HOUSE, SIXTH STREET, BELOW CHESTNUT.

District Attorney—GEORGE S. GRAHAM, *R.* Salary, $10,000. Term expires 1887.
First Assistant—F. Amedee Bregy, *R.* Salary, $6000.
Second Assistant—John L. Kinsey, *R.* Salary, $5000.
Third Assistant—John A. Siner, *R.* Salary, $3000.
Murder Detective—Charles F. Myers, *R.* Salary, $1200.
General Detective—Henry Weyl, *R.* Salary, $1500.
Clerk—J. M. R. Jermon, *R.* Salary, $1800.
Fee Clerk—S. P. Galton, *R.* Salary, $500.

SHERIFF'S OFFICE.

OFFICE, STATE HOUSE ROW.

Sheriff—WILLIAM E. ROWAN, *R.* Salary, $15,000.
Term expires January 1, 1889.

Real Estate Deputy—John J. Ridgway, Jr., *R.* Salary, $4000.
Clerk to Real Estate Deputy—John P. Sipler, *R.* Salary, $1500.
Personal Estate Deputy—William Grew, *R.* Salary, $2000.
Fee Clerk—Leonard G. Myers, *R.* Salary, $1000.
Solicitor—Rufus E. Shapley, *R.* Salary, $2000.
Assistant Solicitor—Isaac H. Shields, *R.* Salary, $1500.
Deputy Sheriffs—George J. Van Houten, *R.*; Harry Hunter, *R.*; Augustine S. Roberts, *R.*; Charles Algeo, *R.*; James Gosch, *R.* Salaries, $1000 each.
Clerks to Deputy Sheriffs—Alexander Morrison, *R.*; George W. Fox, *R.*; John McCormack, *R.*; William T. Brown, *R.* Salaries, $900 each.
Auctioneer—J. Harbeson Barnes, *R.* Salary, $600.
Execution Clerk—Ellwood Everett, *R.* Salary, $1200.
Appearance Clerk—John J. Franklin, *R.* Salary, $1000.
Assistant Appearance Clerk—James Kenton, *R.* Salary, $900.
Messenger—Louis Marth, *R.* Salary, $700.
Janitor—James Purnell, *R.* Salary, $500.
Bill Poster—Andrew Jackson, *R.* Salary, $1000.
Quarter Sessions Deputy—Levi C. Hart, *R.* Salary, $700.
Assistant Quarter Sessions Deputy—John Siner, *R.* Salary, $700.
Use and Driver of Van—Andrew Hague, *R.* Salary, $1500.

Court Deputies—No. 1, Horace Gaw, *R.*; No. 2, A. J. Reilly, *R.*; No. 3, Henry I. McIntyre, R.; No. 4, Eli G. Sellers, *R.* Salaries, $100 each.

COUNTY COMMISSIONERS.

OFFICE, CITY HALL.

WILLIAM S. DOUGLASS, *R.*; WILLIAM LAWSON, *R.*; CHARLES H. KRUMBHAAR, *D.* Salaries, $5000 a year.
Chief Clerk—Joseph Winters, *R.* Salary, $1500.
Election Clerks—Lewis T. Caron, *R.*; David S. Scott, *R.* Salaries, $900 each.
Messenger—William Harvey, *R.* Salary, $1000.

DEPARTMENT OF LAW.

NORTHEAST CORNER OF SIXTH AND LOCUST STREETS.

City Solicitor—CHARLES F. WARWICK, *R.* Salary, $10,000. Term expires April, 1887.
First Assistant—Robert Alexander, *R.* Salary, $3000.
Second Assistant—Abraham M. Beitler, *R.* Salary, $2000.
Solicitor for Guardians of Poor—S. E. Cavin, *R.* Salary, $2000.
Clerks—William D. Kelley, Jr., *R.*; salary, $800. Joseph L. Hobson, *R.*; salary $800. E. Spencer Miller, *R.*; salary, $700.
Assistants—All Republicans—Charles B. McMichael, William H. Addicks, Frank M. Ritter, Henry S. Taylor, John K. McCarthy. Salaries, $1250 each. Thomas D. Finletter, Henry F. Walton, F. T. Sorver. Salaries, $1000 each.

PROTHONOTARY COMMON PLEAS.

OFFICE, SOUTHEAST CORNER SIXTH AND CHESTNUT STREETS.

Prothonotary—WILLIAM B. MANN, *R.* Salary, $10,000. (Appointed by the Judges.)
Deputy—Charles B. Roberts, *R.* Salary, $3500.
Second Deputy—Charles N. Mann, R. Salary, $2000.
Chief Clerk—James W. Fletcher, *R.* Salary, $1800.
Judgment Search Clerks—All Republicans—Charles F. Tyer, J. B. Thackara, S. B. Hoppin, Clement G. McCulloch. Salaries, $1200 each.
Locality Clerks—Enos P. Jefferis, *R.*; Samuel B. Vandusen, *R.*; Edward G. Lee, *R.* Salaries, $1200 each.
Appearance Clerks—Isaiah Kenderdine, *R.*; John Briggs, *R.*; Frank G. Clay, *R.*; William H. Leeds, *R.* Salaries, $1200.
Mechanics' Lien Clerk—George W. Hammersly, *R.* Salary, $1200.
Writ Clerks—F. C. Manderson, *R.*; James B. Webb, *R.*; William McCain, *R.* Salaries, $1200 each.
Index Clerk—Robert Turnbull, *R.* Salary, $1200.
Fee Clerks—Frank R. Burbank, *R.*; Thomas Ashton, *R.* Salaries, $1200.
First Exemplification Clerk—Eugene J. Lindsay, *R.* Salary, $1400.
Second Exemplification Clerk—Frank Smith, *R.* Salary, $1000.
Recording and Miscellaneous Clerks—All Republicans—Stephen Green, J. U. G. Hunter, Joseph Haines, Charles A. Robinson, W. B. Mann, E. J. Walker, F. M. Mayhew, F. S. Chapron. Salaries, $975 each.
Custodian of Records—James A. Ziegler, *R.* Salary, $900.

Custodian of Books—George W. Jackson, *R.* Salary, $800.
Messenger—John A. Barnes, *R.* Salary, $800.

PARK.

OFFICE, CITY HALL.

Fairmount Park Commissioners—E. C. Knight, *R.*; Frederick G. Wolbert, *R.*; George H. Boker, *R.*; John Welsh, *R.*; David W. Sellers, *D.*; L. Coppee Mitchell, *D.*; Gustavus Remak, *R.*; James McManes, *R.*; William S. Stokley, *R.*
Ex-officio Members—William B. Smith, *R.*; Charles Lawrence, *R.*; Col. William Ludlow, *D.*; William Dixey, *R.*; Samuel L. Smedley, *R.*; James R. Gates, *R.*
President—John Welsh.
Vice-President—Gustavus Remak.
Secretary—F. M. Dougherty, *R.* Salary, $2000.
Treasurer—F. G. Wolbert.
Park Solicitor—Samuel C. Perkins, *R.* Salary, $1200.
Superintendent of the Park—Russell Thayer, *R.* Salary, $3000.
Captain of Park Guard—Louis M. Chasteau, *R.* Salary, $1825.

GAS TRUST.

OFFICE, SEVENTH STREET, ABOVE CHESTNUT.

(The Trustees are not salaried.)

Board of Trustees—William D. Gardner, *R.* (President); William W. Alcorn, *R.*; Thomas H. Gill, *D.*; James McManes, *R.*; James E. Salter, *R.*; William R. Leeds, *R.*; Alfred Moore, *R.*; John S. Kittenhouse, *R.*; Effingham B. Morris, *R.*; William H. Smith, *R.*; M. Hall Stanton *R.*, James Work, *R.*
Chief Engineer of Works—William K. Park, *R.* Salary, $5500.
Cashier—Samuel M. White, *R.* Salary, $4950.
Superintendent of Distribution—Joseph P. Boone, *R.* Salary, $2750.
Registrar—Thomas Noble, R. Salary, $2500.
Chief Clerk of Works—Charles S. Dungan, *R.* Salary, $1980.
Controller—Frank A. Pennington, *R.* Salary, $2500.
Purchasing Agent and Storekeeper—Alex. J. McCleary, *R.* Salary, $3000.
Book-keeper—Thomas L. George, *D.* Salary, $2200.
Chief Clerk at Main Office—W. J. Roney, *R.* salary, $2250.
Registrar, Spring Garden—Martin H. Ettinger, *R.* Salary, $2000.
Registrar, Germantown—George W. Karsner, *R.* Salary, $1500.
Registrar, Frankford—Jonathan Brooke, *R.* Salary, $1064.
Registrar, Manayunk—A. C. Matthews, *R.* Salary, $1100.
Foreman, Point Breeze—John Roberts, *R.* salary, $1650.
Foreman, Ninth Ward Works—John Beckenbach, R. Salary, $1650.
Foreman, Twenty-fifth Ward Works—John J. Thomas, *R.* Salary, $1650.

BUILDING INSPECTORS.

OFFICE, NO. 709 SANSOM STREET.

Members of the Board—James Zimmerman, *R.*; Joseph M. Hancock, *R.*; Robert N. Bowers, *R.* Salaries, $2000 each.
Secretary—William H. Butler, *R.*

BOILER INSPECTORS.

Chief Inspector—JOHN OVERN, *R.* Salary, $2000.
Assistants—James L. Dewees, *R.*; L. A. Madden, *R.*; William Hodges, *R.*; Charles Deininger, *R.*; W. S. Boyd, *R.* Salaries, $1200 each.
Clerk—Frank W. Getz, *R.* Salary, $1200.
Collector—Edward G. Erdmann, *R.* Salary, $700.

PUBLIC BUILDINGS.

(The Board has authority to fill vacancies.)

Commissioners—William Brice, *R.*; Isaac S. Cassin, *D.*; William S. Stokley, *R.*; Mahlon H. Dickinson, *R.*; William B. Smith, *R.*; Thomas E. Gaskill, *D.*; John L. Hill, *R.*; Hiram Miller, *R.*; Richard Peltz, *R.*; Samuel C. Perkins, *R.*; Charles Lawrence, *R.*; James R. Gates, *R.*; William H. Wright, *D.*
President—Samuel C. Perkins, *R.*
Secretary—William B. Land, *R.* Salary, $2500.
Treasurer—Frank F. Bell, *R.*
Architect—John McArthur, Jr., *R.*
Superintendent—William C. McPherson, *R.* Salary, $4000.
Solicitor—Samuel Peltz, *R.* Salary, $900.
Messenger—R. Liberton, *R.* Salary, $750.

CITY TRUSTS.

OFFICE, TWELFTH AND GIRARD STREETS.

Directors—Joseph L. Caven, *R.*; James Campbell, *D.*; Dr. James Simpson, *R.*; Richard Vaux, *D.*; William L. Elkins, *R.*; B. B. Comegys, *R.*; William H. Drayton, *D.*; William B. Mann, *R.*; John H. Michener, *R.*; George H. Stuart, *R.*; Louis Wagner, *R.*; W. B. Smith, *R.*; Charles Lawrence, *R.*; Alexander Biddle, *R.*; James R. Gates, *R.*
President—William H. Drayton, *D.*
Vice-President—Louis Wagner, *R.*
Secretary—Frank M. Highley, *R.*
Superintendent of Girard Estate—James A. Kirkpatrick, *R.*
Engineer, out of city—Heber S. Thompson, *R.*
Agent—Samuel S. Cavin.

GIRARD COLLEGE.

President—A. H. Fetterolf.
Vice-President—Henry D. Gregory.

EASTERN PENITENTIARY.

TWENTY-FIRST STREET AND FAIRMOUNT AVENUE.

Inspectors—Richard Vaux, *D.* (President); Stuart Patterson, *I. R.*; John M. Maris, *R.*; Furman Sheppard, *D.*; J. Wm. White, M. D.
Warden—Michael J. Cassidy, *D.*
Treasurer—John M. Maris, *R.*
Resident Physician—William D. Robinson, M. D., *R.*
Moral Instructor—Rev. J. Y. Ashton, *R.*

HOUSE OF REFUGE.

TWENTY-THIRD AND BROWN STREETS.

OFFICE, 1116 GIRARD STREET.

President—Frederick Collins.
Vice-Presidents—Geo. M. Troutman, James V. Watson.
Treasurer—Henry Perkins.
Secretary—Alfred M. Collins.
Assistant Secretary—Thomas A. Robinson.
Counselors—Isaac Hazelhurst, George W. Biddle.

Solicitor—N. Dubois Miller.
Physicians—Jacob Roberts, F. M. Perkins.
Superintendent.—J. Hood Laverty.
Matron—Mary A. Campbell.

CITY ICE BOATS.

OFFICE, NO. 115 WALNUT STREET.

Trustees—Edward T. Halliwell (President), Thomas J. Martin (Secretary), Frank T. Downing, Galloway C. Morris, John B. Lewellen, George W. Mears, C. A. Griscom. All Republicans.
Superintendent—H. E. Melville, *R.* Salary, $1650.
Clerk—A. H. Walters. Salary, $1000.

PORT WARDENS.

OFFICE, COMMERCIAL EXCHANGE, SECOND STREET, ABOVE WALNUT.

William R. Tucker, Edward K. Stevenson, George A. Cotton, (President,) Sam'l T. Kerr, William Charlton, Charles Halyburton, Jr., Samuel Disston, Christian K. Ross, Frank T. Downing, Charles H. Cramp, John B. Lewellen, Charles S. Lowry, William M. Neall, Theodore Frothingham, Nathan McK. Wilson, Amos Gartside, Joseph S. Peirce, Joel Cook.
Master Warden—Christian K. Ross, *D.* Salary, $2500.
Harbor Master—Jas. P. Lindsay, *D.* Salary, $2500.
Secretary—Jonathan Gillingham, *R.* Salary, $1080.
Vessel Clerk—George F. Sproule, *R.* Salary, $600.

COURTS.

COMMON PLEAS COURTS.

Judges elected for ten years. Salaries, $7000 each.

NO. 1.

FIFTH STREET, BELOW CHESTNUT.

President Judge—Joseph Allison, *R.*
Associate Judges—William S. Pierce, *R.*; Craig Biddle, *R.*
Clerk—George T. Diess, *R.* Salary, $1400.
Crier—Horace D. Gaw, *R.* Salary, $1252.
Assistant Crier—R. M. Stokley, *R.*

NO. 2.

SIXTH AND CHESTNUT STREETS.

President Judge—J. I. Clark Hare, *R.*
Associate Judges—J. T. Mitchell, *R.*; D. Newlin Fell, *R.*
Clerk—Thomas B. Reeves, *R.* Salary, $1400.
Crier—A. Jackson Reilly, *R.*
Assistant Crier—W. B. Reed, *R.*

NO. 3.

CHESTNUT STREET ABOVE FIFTH.

President Judge—James R. Ludlow, *D.*
Associate Judges—Thomas K. Finletter, *R.*; James Gay Gordon, *D.*
Clerk—J. Penn McCain, *R.* Salary, $1400.
Crier—Henry McIntire, *R.*
Assistant Crier—A. P. Keyser, *R.*

NO. 4

CHESTNUT STREET, BELOW SIXTH.

President Judge—M. Russell Thayer, *R.*
Associate Judges—Robert N. Willson, *R.*; Michael Arnold, *D.*
Clerk—Charles H. White, *R.* Salary, $1400.
Crier—Eli G. Sellers, *R.*
Assistant Crier—W. B. Hart.

ORPHANS' COURT.

NO. 211 SOUTH SIXTH STREET.

President Judge—William B. Hanna, *R.* Salary, $7000.
Associate Judges—Clement B. Penrose, *R.*; William N. Ashman, *R.* Salaries, $7000 each.
Register of Wills—William B. Kinsey, *R.* (ex-officio Clerk).
First Assistant Clerk—A. J. Fortin, *R.* Salary, $2000.
Second Assistant—Edward Nichols, *R.* Salary, $1200.
Third Assistant—James S. Bird, *R.* Salary, $1000.
Recording Clerk—George Hickman, *D.* Salary, $1000.
Miscellaneous Clerk—Howard S. Bear, *R.* Salary, $1000.
Messenger—George W. Beck, *R.* Salary, $800.
Crier—H. M. Wadsworth, *R.* $4 per day.

SUPREME COURT OF PENNSYLVANIA.

COURT ROOM, CITY HALL, SOUTH WING.

Chief Justice—ULYSSES MERCUR, *R.*

Justices—Isaac G. Gordon, *R.*; Edward M. Paxson, *R.*; John Trunkey, *D.*; J. P. Sterrett, *R.*; Henry Green, *R.*; Silas M. Clark, *D.*
Prothonotary—Charles S. Greene, *R.*
Chief Clerk—H. P. Newlin, *R.*
Search Clerk—W. A. Smith, *D.*

SURVEYORS AND ADMIRALTY ASSESSORS.

OFFICE, NO. 140 WALNUT STREET.

Capt. George T. Hewitt.
Capt. Thomas A. Norgrave.
Capt. Leonard D. Barrett.
Capt. Jacob Teal.

Surveys are made on all cargoes subject to damage by water caused by stress of weather.
Inspector of Petroleum—Arthur Stewart, *R.* Paid by fees.
Superintendent of Powder Magazine—Parkhurst McLaughlin, *R.*
Pharmaceutical Examining Board—Lawrence Wolff, J. Frank Hays, Hibbert P. John, J. L. Supplee, J. J. Ottinger.
Mercantile Appraisers—R. C. Tittermary, *R.*; James F. Bell, *R.*; E. W. Patton, *R.*; David Martin, *R.*; Frank McGrath, *D.* Paid by fees.

U. S. OFFICERS IN PHILADELPHIA.

U. S. CIRCUIT COURT.

THIRD FLOOR NEW COURT HOUSE AND POST-OFFICE BUILDING, NINTH AND CHESTNUT STREETS.

Judges—Supreme Court Justice, Joseph P. Bradley, *R.* Salary, $10,000. Circuit Court Judge, William McKennan, *R.* Salary, $6000.
Clerk—Samuel Bell, *R.* Paid by fees.

U. S. DISTRICT COURT.

THIRD FLOOR NEW COURT HOUSE AND POST-OFFICE BUILDING, NINTH AND CHESTNUT STREETS.

Judge—William Butler, *R.* Salary, $4000.
Clerk—Charles S. Lincoln, *D.* Paid by fees.

U. S. District Attorney—John K. Valentine, *R.* Paid by fees.
Assistants—Henry P. Brown, *R.*; salary, $3000. James F. Nickerson, *R.*; salary, $2500.
U. S. Marshal—James N. Kerns, *R.* Paid by fees.
U. S. Deputy Marshals—Thomas Marple, William Reuter, Gustav Winzer, Charles Eager. All Republicans.
U. S. Commissioners—Charles Gilpin, J. Cooke Longstreth, Henry Phillips, Jr., Chas. P. Clarke, Aubrey H. Smith, Charles Gibbons, Jr., Samuel Bell, Frederick C. Brightly, Henry R. Edmunds.
Registers in Bankruptcy—Edwin T. Chase, B. Franklin Fisher, Sussex B. Davis, Joseph Mason.

CUSTOM HOUSE.

Collector—John Cadwalader, *D.* Salary, $6000.
Naval Officer—H. B. Plumer, *D.* Salary, $5000.
General Appraiser—Lewis Heyl, *R.* Salary, $3000.
Appraiser—Joseph B. Baker, *D.* Salary, $3000.
Assistants—George R. Snowden, *D.*; George H. Hoffman, *D.* Salaries, $2500 each.
Surveyor—John M. Campbell, *D.* Salary, $5000.
Inspector of Drugs—D. J. Loughlin, *D.*
Inspector of Hulls—Joseph Mershon, *R.* Salary, $2000.
Special Inspector of Foreign Steam Vessels—James H. Hand, *R.* Salary, $2000.
Boiler Inspector—F. L. Hand, *R.* Salary, $2000.
Assistant—Andrew B. Linker, *R.* Salary, $1600.
Shipping Commissioner—
Fees, about $4000.

POST OFFICE.

Postmaster—William F. Harrity, *D.* Salary, $6000.
Assistant Postmaster—George F. Parker, *D.* Salary, $2400.
Superintendent of Mails—E. W. Alexander, *R.* Salary, $3000.
Superintendent of Inquiry Department—L. G. Wunder, *R.* Salary, $2200.
Superintendent of Registry Department—F. A. Davies, *R.* Salary, $2000.
Superintendent of Money-Order Department—C. Myers, *R.* Salary, $2100.
Superintendent of Carriers' Department—W. B. Madara, *R.* Salary, $3000.
Cashier—Joshua Griffith, *R.* Salary, $2400.

UNITED STATES MINT.

Superintendent—Daniel M. Fox, *D.* Salary, $4500.
Assayer—Jacob B. Eckfeldt, *R.* Salary, $3000.
Melter and Refiner—James C. Booth, *R.* Salary, $3000.
Coiner—William S. Steel, *R.* Salary, $3000.
Engraver—Charles E. Barber, *R.* Salary, $3000.
Chief Clerk—H. C. Hickok, *R.* Salary, $2250.

INTERNAL REVENUE.

SECOND FLOOR NEW COURT HOUSE AND POST-OFFICE BUILDING, NINTH AND MARKET STREETS.

Collector—Frederick Gerker, *D.* Salary, $4000.

U. S. ASSISTANT TREASURER.

OFFICE, LIBRARY STREET, BELOW FIFTH.

Treasurer—George Eyster *R.* Salary, $4000.

PENSION AGENCY.

SECOND FLOOR NEW COURT HOUSE AND POST-OFFICE BUILDING, NINTH STREET, ABOVE CHESTNUT.

Pension Agent—W. W. H. Davis, *D.* Salary, $4000.
Examining Surgeons—Paid by fees—J. Livingstone Ludlow, M. D., *D.*; Napoleon Hickman, M. D., *D.*; H. Ernest Goodman, M. D., *R.*

U. S. ENGINEERS' OFFICE.

OFFICE, NO. 1125 GIRARD STREET.

Lieutenant-Colonel—Henry M. Robert.

ARMY STAFF OFFICERS.

OFFICE, NO. 1139 GIRARD STREET.

Assistant Quartermaster-General—Lieut.-Col. M. I. Ludington, U. S. A.
Assistant—Major W. B. Hughes, Quartermaster U. S. A.
Attending Surgeon—Lieut.-Col. D. L. Magruder, Surgeon U. S. A.

U. S. ARSENAL.

BRIDESBURG.

Commandant—Col. Silas Crispin, U. S. A.

QUARTERMASTER'S DEPOT.

GRAY'S FERRY ROAD, CORNER WASHINGTON AVENUE.

Commandant—Capt. W. H. Gill, U. S. A.

U. S. NAVY PAY OFFICE.

SECOND FLOOR NEW COURT HOUSE AND POST-OFFICE BUILDING, NINTH STREET, NEAR MARKET.

Pay Director—A. W. Russell, U. S. N.

U. S. NAVY YARD.

LEAGUE ISLAND.

Commandant—Capt. Richard L. Law.
Department of Navigation and Ordinance—Lieut. Commander James M. Forsyth.
Department of Equipment and Recruiting—Commander William Whitehead.
Department of Yard and Docks—M. T. Endicott.
Department of Construction and Repair—Naval Constructor W. H. Varney.
Department of Steam Engineering—Chief Engineer Andrew J. Kiersted.
Paymaster—Worth Goldsborough
Department of Medicine and Surgery—Surgeon William H. Jones.
U. S. Receiving Ship St. Louis—Commandant. Lieutenant C. A. Shetky.
Marine Barracks—Col. F. Field, Capt. H. C. Cochran, Capt. L. E. Fagan.

EXAMINING BOARD OF U. S. NAVAL ENGINEERS.

POST-OFFICE BUILDING.

President—Chief Engineer H. B. Nones, U. S. N.
Member—Chief Engineer, A. W. Fitch, U. S. N.
Recorder—Chief Engineer A. S. Greene, U. S. N.
Assistant Recorder—Passed Assistant Engineer F. J. Hoffman, U. S. N.

HYDROGRAPHIC DEPARTMENT, U. S. N.

OFFICE, MARITIME EXCHANGE, NO. 131 SOUTH SECOND STREET.

Hydrographers—Lieutenants A. B. Wyckoff and H. H. Barroll.

SIGNAL SERVICE

POST-OFFICE BUILDING.

Sergeant—Luther M. Dey.

SIGNAL SERVICE AGENCY.

MARITIME EXCHANGE.

Sergeant—T. F. Townsend.

NAVAL ASYLUM.

GRAY'S FERRY ROAD.

Governor—Commodore Bancroft Gherardi.
Executive Officer—Capt. Jos. Skerrett.
Lieutenant—Commander A. J. Iverson.
Paymaster—Joseph Foster.
Chaplain—F. B. Rose.

NAVY PAY OFFICE.

POST-OFFICE BUILDING.

Pay Director—A. W. Russell.
Inspector of Coal—Chief Engineer George W. Melville, U. S. N.

NAVAL HOSPITAL.

GRAY'S FERRY ROAD.

Medical Director—Edward Shippen.
Past Assistant Surgeons—W. A. McClurg, Joseph Shafer.

U. S. LIGHTHOUSE OFFICE.

FOURTH FLOOR NEW COURT HOUSE AND POST-OFFICE BUILDING, NINTH AND MARKET STREETS.

FOURTH DISTRICT.—The sea coast of New Jersey south of Squan Inlet and of Delaware, Maryland and part of Virginia and as far south as Matonkiu Inlet.

Inspector—Capt. George B. White.
Engineer—Capt. J. C. Mallery.

U. S. COAST AND GEODETIC SURVEY.

Assistant—Spencer C. McCorkle.

VOTE OF PHILADELPHIA SINCE 1860.

YEAR.	REP.	DEM.	MAJORITY.	TOTAL.
1860—President	39,223	38,025	1,199 *R.*	77,247
1861—Sheriff	30,492	30,346	146 *R.*	60,838
1862—Auditor General	36,124	33,323	2,801 *R.*	69,447
1863—Governor	44,274	37,193	7,081 *R.*	81,467
1864—President	55,791	44,032	11,759 *R.*	99,823
1865—Mayor	45,098	39,668	5,430 *R.*	84,766
1866—Governor	54,205	48,817	5,388 *R.*	103,022
1867—Sheriff	48,647	52,666	4,019 *D.*	101,318
1868—Mayor	59,679	61,517	1,838 *D.*	121,196
President	60,985	55,173	5,812 *R.*	116,158
1869—Governor	51,202	46,802	4,400 *R.*	98,004
1870—Sheriff	51,934	45,035	6,899 *R*	96,969
1871—Mayor	60,629	51,549	9,080 *R.*	112,178
Auditor General	62,005	50,511	11,494 *R.*	112,516
1872—Governor	69,278	48,841	20,437 *R.*	118,119
President	68,856	23,410	45,446 *R.*	92,266
1873—Supreme Court	51,657	42,732	8,925 *R.*	94,389
Sheriff	56,328	37,879	18,499 *R.*	94,207
1874—Mayor	60,128	49,133	10,995 *R.*	109,261
1875—Governor	65,262	47,980	16,635 *R.*	113,889
1876—President	77,130	62,100	15,030 *R.*	139,230
Sheriff	63,263	70,527	7,264 *D.*	133,790
1877—Mayor	64,779	61,913	2,866 *R.*	126,692
Controller	52,744	54,706	1,962 *D.*	112,518
1878—Governor	70,099	53,755	16,344 *R.*	127,219
1879—State Treasurer	74,176	44,335	29,842 *R.*	118,914
Sheriff	73,862	44,826	29,036 *R.*	118,945
1880—President	97,239	76,356	20,883 *R.*	173,936
Controller	79,868	93,451	13,593 *D.*	173,319
1881—Mayor	72,428	78,215	5,787 *D.*	150,794
Receiver of Taxes	62,348	88,934	26,586 *D.*	151,430
State Treasurer	55,866	42,357	14,722 *R.*	98,477
1882—Governor*	70,875	67,411	*Plu.* 3,464 *R.*	146,377
Judge	69,393	76,520	7,127 *D.*	145,913
Sheriff†	70,197	61,329	*Plu.* 8,868 *R.*	146,306
Register of Wills	72,385	72,961	576 *D.*	145,346
City Treasurer	73,999	72,159	1,840 *R.*	146,178
1883—Auditor General	75,569	54,902	20,667 *R.*	130,471
Controller	65,770	64,658	1,112 *R.*	130,606
Coroner	73,843	55,466	18,377 *R.*	129,309
1884—President	101,402	71,288	30,114 *R.*	174,727
Controller	77,600	92,534	14,934 *D.*	170,134
Mayor	79,552	70,440	9,112 *R.*	150,250

*Stewart, *I. R.*, had 7092 votes for Governor.
†Hofmann, *Committee of 100*, had 14,880 votes for Sheriff.

NOTE.—The totals include scattering votes.

Monthly Range of Wholesale Prices of Leading Products.

	1884.			1885.																				
	Nov. 15.	Dec. 1.	Dec. 15	Jan. 1.	Jan. 15.	Feb. 1.	Feb. 15.	March 1.	March 15.	April 1.	April 15.	May 1.	May 15.	June 1.	June 15.	July 1.	July 15.	Aug. 1.	Aug. 15.	Sept. 1.	Sept. 15.	Oct. 1.	Oct. 15.	Nov. 1.
Cotton, Mid. Uplands	$0.10 1/2	$0.10 5/8	$0.11 3/8	.11 1/4	$0.11 1/4	$0.11 3/8	$0.11 3/8	$0.11 3/8	$0.11 1/2	$0.11 3/8	$0.11 3/4	$0.11	$0.11 3/8	$0.11 1/4	.11 1-16	$0.10 3/4	$0.10 5/8	$0.10 3/4	$0.10 7/8	$0.10 3/4	$0.10 5/8	$0.10	$0.10 3/8	.9 13-16
Wool, X and above, Ohio																								
Fleece	.33 1/2	.33	.33	.33	.33	.33	.32	.32	.32	.31	.31	.31	.31	.31	$0.31	.31	.31	.31	.32	.32	.33	.33	.33	$0.33
Flour, Penna. family	3.25	3.25	3.25	3.37 1/2	3.50	3.62 1/2	3.62 1/2	3.62 1/2	3.62 1/2	3.75	4.25	4.37 1/2	4.37 1/2	4.12 1/2	4.12 1/2	4.12 1/2	4.00	4.12 1/2	4.12 1/2	4.12 1/2	4.00	4.12 1/2	4.25	4.25
Wheat, No. 2 red	.79 1/2	.79 1/4	.77 1/2	.83 7/8	.90 3/4	.88	.88 1/2	.84 3/4	.86	.87 1/4	.98 1/2	1.01	1.01	.95 1/2	.96	.94 1/4	.91 3/4	.95	.91 3/4	.87 5/8	.90	.93	.98 1/2	.91
Corn, No. 2 mixed	.50 1/2	.51 1/4	.48 3/4	.48 1/2	.50	.50	.51 5/8	.47 1/2	.49 1/2	.48 1/4	.51 3/4	.57 1/2	.53 3/4	.50 1/4	.53	.52 1/4	.52 1/2	.52 3/4	.50 1/2	.49 1/4	.48	.50 1/4	.50
Oats, No. 2 white	.32 3/4	.33 3/4	.31	.35	.39	.38	.37 1/4	.37 1/4	.37 1/4	.38	.43 1/2	.43 1/2	.45 1/2	.42	.40 1/2	.38 1/2	.41	.38 1/2	.39	.36	.33 1/2	.33	.35 1/4	.37
Mess Pork	14.75	14.75	14.25	13.00	15.00	13.25	13.62 1/2	13.50	13.25	13.25	13.50	13.00	12.87 1/2	12.75	12.50	12.25	12.12 1/2	11.75	11.25	11.25	11.00	10.25	9.75	9.75
Lard, city refined	.07 1/8	.07 1/4	.07 1/2	.07	.07 1/4	.07 1/8	.07 3/8	.07 1/2	.07 1/4	.07 1/8	.07 1/8	.07 1/4	.07 1/8	.07	.07	.06 7/8	.06 3/4	.06 5/8	.07	.06 7/8	.07	.06 7/8	.06 1/2	.06 1/2
Hams, sugar-cured	.11 1/4	.10 1/2	.10	.09 1/2	.09 1/2	.09 3/8	.10	.09 3/4	.09 1/2	.09 3/8	.09 1/2	.09	.09 1/4	.09 1/2	.09 3/4	.09 1/4	.09 1/4	.09 1/4	.09 3/4	.09 1/4	.09 1/2	.09 1/4	.09	.09
Butter, extra Pennsylvania creamery	.31 1/2	.30	.29 1/2	.32	.33 1/2	.30 1/2	.35	.33 1/2	.25 1/2	.25	.26	.23	.26	.18	.18	.18 1/2	.19 1/2	.20 1/2	.21 1/2	.21 1/2	.25	.21 1/2	.23 1/2	.29
Cheese, New York full cream	.12 1/4	.13	.13	.12 3/4	.13	.13 1/4	.13	.12 1/4	.12 1/4	.12 1/4	.12 1/4	.10 3/4	.10 1/2	.07 1/2	.08 1/4	.07 1/2	.08 1/4	.07 3/4	.07 3/4	.08 1/4	.08 1/2	.09 1/2	.10 3/4	.10 3/4
Eggs, Pennsylvania extra	.28	.30	.28 1/2	.30 1/2	.32 1/2	.24	.26	.24	.19 1/2	.16	.15 1/2	.13 3/4	.14 1/4	.14 1/2	.15 1/2	.11	.14 1/2	.11 1/2	.14 1/4	.17	.20	.21	.22	.25
Refined Sugar, granulated	.6 3-16	.06 1/8	.06	.06	.06	.06 1/4	.06 1/8	.06 1/8	.06	.5 15-16	.5 15-16	.06 1/8	.06 1/4	.07	.6 11-16	.06 1/4	.06 5/8	.06 3/8	.6 7-16	.06 3/4	.07	.07	.6 11-16	.06 5/8

Receipts of Leading Products in Philadelphia.

MONTH.	FLOUR. BBLS.	WHEAT. BUSH.	CORN. BUSH.	OATS. BUSH.	WOOL. BALES.	COTTON. BALES.	PORK. BBLS.	LARD. PKGS.	PETRO'M CRUDE. BBLS.	PETRO'M REFINED. BBLS.	BUTTER. PKGS.	CHEESE. BOXES.	EGGS. CRATES.	TOBACCO LEAF. HHDS.	TOBACCO MANUF'D. BOXES.	WHISKY AND HIGH-W'S BBLS.
1884.																
November	117,917	429,500	265,500	221,400	10,332	15,431	420	4,660	121,630	34,569	36,090	34,018	27,735	1,650	10,517	5,537
December	112,197	556,000	841,000	304,200	12,559	23,920	808	4,621	100,651	22,827	33,155	29,713	23,321	1,353	10,150	7,803
1885.																
January	106,776	478,500	742,000	198,000	13,012	11,915	649	2,116	57,048	20,193	33,001	14,251	21,584	2,973	11,958	9,646
February	109,915	298,000	675,500	342,000	11,754	7,589	421	3,487	34,137	14,860	29,397	10,663	18,490	1,610	9,272	5,993
March	121,541	571,000	1,029,700	239,400	14,948	9,724	273	2,737	65,434	13,401	30,497	17,844	44,670	2,724	11,532	7,343
April	123,800	685,100	1,324,000	251,800	9,245	11,510	545	2,681	120,034	33,323	24,913	16,812	62,750	1,909	11,908	6,293
May	99,797	250,800	630,100	252,000	8,215	4,945	410	8,962	123,406	26,410	20,188	18,452	53,183	1,523	11,050	5,091
June	86,191	349,200	678,600	523,800	32,544	4,680	110	9,325	81,442	61,303	38,719	28,967	62,020	2,267	11,068	5,637
July	72,363	342,900	431,300	278,100	81,755	5,673	94	4,277	119,077	35,054	36,964	45,813	44,087	1,810	14,773	6,439
August	54,287	369,212	412,510	273,820	43,468	4,887	2,928	7,902	76,665	36,406	37,599	40,621	44,476	4,090	11,428	4,580
September	72,631	149,300	659,700	597,900	26,699	8,928	2,819	6,959	118,460	31,997	33,797	34,757	46,145	3,417	9,302	6,560
October	100,818	275,010	868,610	190,160	17,784	16,172	521	9,310	162,165	35,183	29,890	41,095	44,595	3,490	13,815	8,110
Total	1,169,534	4,754,552	8,518,520	3,673,580	282,315	128,404	9,998	67,040	1,179,949	365,526	393,210	333,006	493,075	28,916	136,803	79,032

PHILADELPHIA VOTE BY WARDS, NOVEMBER 3, 1885, WITH COMPARISONS.

WARDS.	STATE TREASURER.				SHERIFF.		CITY TREASURER.		REGISTER OF WILLS.		PRESIDENT, 1884.				CONTROLLER, 1884.		GOVERNOR, 1882.				MAYOR, FEBRUARY, 1884.	
	QUAY, *R.*	DAY, *D.*	SPANGLER, *P.*	WHITNEY, *G.-L.*	ROWAN, *R.*	SANDERS, *D.*	BELL, *R.*	SNYDER, *D.*	KINSEY, *R.*	MEGARGEE, *D.*	BLAINE, *R.*	CLEVELAND, *D.*	ST. JOHN, *P.*	BUTLER, *G.-L.*	RIDGWAY, *R.*	DECHERT, *D.*	BEAVER, *R.*	PATTISON, *D.*	STEWART, *Ind.*	ARMSTRONG, *L.*	SMITH, *R.*	KING, *D.*
First	1208	3642	49	5	4111	3685	4336	3525	4350	3514	5250	3757	22	61	4127	4715	3816	3531	228	21	4367	3501
Second	2017	2816	59	1	2025	2790	2021	2821	2055	2790	2511	3216	21	24	1915	3767	1892	2803	105	21	2191	2929
Third	1057	1758	10	. .	1049	1759	1071	1751	1078	1749	1384	2073	6	23	1103	2349	1031	1937	58	15	1255	1927
Fourth	936	1740	11	1	1017	1719	999	1733	962	1773	1319	2317	3	12	1155	2455	956	2095	50	8	1201	2009
Fifth	1697	1203	11	1	1531	1351	1653	1217	1662	1211	2066	1360	7	12	1688	1736	1381	1515	50	8	1673	1390
Sixth	665	1027	9	2	680	1005	685	1008	695	991	891	1111	5	28	670	1319	619	1118	49	23	668	1083
Seventh	3097	1681	13	3	2938	1814	3212	1516	3233	1567	4222	1762	23	9	3622	2294	3037	1686	387	8	3161	1733
Eighth	1602	1119	18	2	1486	1256	1678	1081	1712	1046	2106	1131	22	10	1875	1668	1710	1212	412	3	1721	1319
Ninth	1142	880	15	. .	1135	880	1207	835	1216	822	1526	1056	23	8	1068	1501	1067	1014	137	6	1150	1116
Tenth	2191	1391	47	2	2142	1448	2299	1302	2314	1291	2941	1521	47	22	2156	2261	2136	1401	439	6	2214	1680
Eleventh	738	1391	4	1	730	1389	749	1376	759	1366	954	1691	5	12	741	1744	671	1591	35	12	707	1628
Twelfth	956	1343	6	5	955	1338	1044	1269	1052	1262	1325	1472	12	24	918	1855	987	1574	91	24	1023	1606
Thirteenth	1524	1204	43	2	1482	1301	1712	1132	1743	1120	2222	1385	38	36	1573	2012	1496	1390	288	23	1610	1519
Fourteenth	2090	1566	63	6	2053	1548	2221	1438	2232	1433	2808	1805	56	45	2045	2111	1869	1709	242	29	2138	1873
Fifteenth	4268	3357	108	. .	4258	3417	4576	3218	4684	3137	5680	3605	90	33	3740	5280	3893	3483	737	34	4470	3022
Sixteenth	1202	1777	7	1	1098	1853	1272	1713	1295	1691	1622	1894	6	13	1156	2293	1187	1979	69	. .	1307	1968
Seventeenth	1148	2087	2	6	1173	2028	1201	2019	1210	2014	1470	2451	4	23	1094	2781	1103	2331	40	. .	1158	2363
Eighteenth	3383	2307	65	. .	3429	2213	3577	2152	3586	2141	4156	2448	52	19	3285	3071	3145	2410	309	. .	3577	2543
Nineteenth	4255	3361	55	32	4050	3482	4297	3338	4352	3292	5066	3919	35	72	3997	4908	3750	3444	222	68	3951	3591
Twentieth	4292	3249	90	. .	4208	3292	4585	2991	4680	2907	5619	3420	97	30	4015	4989	3732	3605	568	36	4372	3521
Twenty-first	1918	1387	62	. .	1855	1467	2013	1355	2005	1361	2180	1775	43	16	2010	2163	2009	1646	145	17	2011	1566
Twenty-second	2703	1995	73	1	2557	2102	2975	1773	2969	1774	3995	2276	184	6	3272	2977	2462	2078	653	5	2880	2510
Twenty-third	2917	1829	19	. .	2895	1751	3028	1737	3034	1725	3898	2256	64	7	3211	2833	2486	1956	172	3	3049	2113
Twenty-fourth	4157	3588	132	. .	4052	3398	5001	3175	4865	3279	5517	3816	110	29	4012	5244	3487	3439	614	21	4049	3671
Twenty-fifth	3514	3197	57	10	3443	3206	3648	3108	3637	3088	4224	3836	42	32	3589	4374	2939	3105	130	32	3121	3477
Twenty-sixth	3701	2317	35	3	3647	2295	3798	2271	3806	2268	4641	2647	29	36	3599	3117	3304	2241	188	46	3845	2229
Twenty-sev'th	2403	1301	61	. .	2501	1221	2595	1162	2586	1153	2895	1291	36	2	2241	1910	1935	1219	341	7	2163	1393
Twenty-eighth	3791	2679	118	2	3728	2745	4021	2505	4008	2523	5112	2888	78	32	3829	3990	3172	2117	413	20	3877	2699
Twenty-ninth	3954	2961	117	6	3830	3068	4217	2761	4251	2740	5170	3065	61	31	3633	4718	3192	2935	602	52	4082	3275
Thirtieth	3018	1945	31	. .	3013	1975	3132	1891	3133	1898	3621	2053	28	25	2902	2673	2971	2011	166	14	3230	2017
Thirty-first	3240	1865	75	13	3133	1927	3311	1792	3361	1779	4078	2067	27	43	3269	2769	3120	2107	180	37	3288	2087
Total	78320	61083	1465	111	76780	61865	82710	61064	82528	60738	101102	71288	1279	778	77600	92531	70875	67411	7992	672	79552	70140
	14237	Plur.			11915	Plur.	21106	Plur.	21790	Plur.	30114	Plur.			Plur.	14931	3464	Plur.			9412	Maj.

Greer, *Pro.*, received 1088 votes for Sheriff, and Nash, *G.-L.*, 233. Garrigues, *Pro.*, 1123 votes for City Treasurer, and Moses, *G.-L.*, 177. Fell, *Pro.*, 1130 votes for Register of Wills, and Reed, *G.-L.*, 165. For Judge of the Court of Common Pleas, Biddle, *R.* and *D.*, received 139,131 votes, and Moore, *G.-L.*, 1541 votes. In 1881, McKnight, *Pro.*, received 710 votes for Controller. Palen, *Pro.*, received 258 votes for Mayor in 1884.

PHILADELPHIA VOTE BY DIVISIONS.

The vote cast in the various divisions of the County of Philadelphia on Tuesday, November 3, 1885, for Sheriff and Register of Wills was as follows:

1ST WARD.

Divisions.	SHERIFF. Rowan, R.	SHERIFF. Sanders, D.	REG. WILLS. Kinsey, R.	REG. WILLS. Megargee, D.
1	112	119	111	120
2	106	117	112	113
3	118	64	127	62
4	101	96	109	92
5	121	66	123	64
6	150	73	157	68
7	116	99	132	86
8	99	97	102	93
9	86	119	92	113
10	116	112	126	103
11	116	106	124	97
12	125	79	131	74
13	123	64	128	60
14	118	82	128	73
15	110	100	121	93
16	93	86	97	83
17	139	93	144	91
18	130	107	136	102
19	92	77	94	75
20	111	65	118	63
21	104	101	114	93
22	81	113	83	111
23	62	126	65	123
24	100	123	105	118
25	121	100	132	91
26	78	100	91	89
27	133	84	133	86
28	87	92	93	90
29	81	117	84	115
30	78	101	82	101
31	105	93	112	89
32	109	72	109	73
33	101	74	105	72
34	118	99	125	96
35	110	146	133	125
36	140	102	145	99
37	90	151	93	148
38	134	70	131	70

2D WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	58	55	58	55
2	110	109	109	114
3	61	137	66	133
4	126	71	122	77
5	117	46	111	50
6	78	54	96	38
7	131	128	128	126
8	70	123	60	127
9	131	80	135	76
10	65	168	62	171
11	104	135	102	140
12	84	128	96	119
13	99	56	94	61
14	104	127	114	121
15	103	104	106	104
16	110	109	118	103
17	84	144	85	147
18	71	170	74	168
19	56	160	51	166
20	35	139	34	140
21	30	166	26	170
22	66	151	72	146
23	57	116	51	123
24	75	114	75	115

3D WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	83	134	85	132
2	29	77	30	76
3	47	112	49	111
4	70	102	76	98
5	56	91	58	90
6	63	122	70	117
7	67	92	68	92
8	59	107	63	105
9	41	120	45	117
10	69	138	65	145
11	38	110	39	109
12	91	121	99	115
13	51	80	52	79
14	65	160	70	156
15	126	72	116	84
16	94	121	93	123

4TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	36	74	7	104
2	34	107	34	109
3	63	99	68	93
4	30	141	46	138
5	94	78	84	88
6	32	91	33	89
7	50	121	44	119
8	31	146	14	163
9	23	132	26	129
10	26	109	25	110
11	13	166	10	172
12	30	131	29	132
13	53	103	52	104
14	61	74	66	71
15	93	41	92	42
16	52	39	51	40
17	165	33	163	35
18	133	31	129	45

5TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	27	119	33	113
2	63	143	75	135
3	120	115	125	114
4	45	140	47	134
5	72	64	73	63
6	96	42	97	40
7	80	45	86	42
8	77	115	77	115
9	53	57	59	51
10	112	77	117	75
11	78	61	89	53
12	97	63	125	34
13	73	78	80	73
14	143	39	162	22
15	181	39	191	28
16	166	44	170	39
17	51	115	56	110

6TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	50	101	53	98
2	52	132	55	130
3	45	121	46	120
4	89	122	96	120
5	69	54	70	52
6	80	120	82	121
7	97	113	86	125
8	116	125	123	115
9	82	115	84	113

7TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	131	32	136	26
2	113	39	137	19
3	173	51	196	29
4	157	56	162	50
5	118	122	121	121
6	121	57	134	49
7	146	18	148	25
8	190	51	202	11
9	186	58	208	43
10	146	45	156	35
11	77	71	112	39
12	167	48	176	39
13	197	79	202	78
14	72	103	99	76
15	172	64	185	57
16	73	111	82	99
17	100	58	107	49
18	96	73	102	70
19	87	88	104	71
20	55	110	83	83
21	95	92	96	91
22	99	120	103	118
23	68	150	81	158
24	54	102	48	108
25	59	116	53	122

8TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	103	93	102	93
2	104	81	121	64
3	138	72	142	68
4	135	64	150	52
5	95	73	104	62
6	52	72	75	52
7	135	35	134	37
8	91	75	112	56
9	103	51	119	39
10	96	112	124	84
11	49	53	55	48
12	80	74	110	45
13	64	100	86	82
14	91	114	120	61
15	53	74	50	77
16	97	116	108	106

9TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	107	63	110	55
2	95	63	98	63
3	70	84	79	78
4	92	84	109	70
5	135	116	135	114
6	96	60	109	52
7	101	50	104	48
8	60	54	70	46
9	117	51	125	44
10	114	73	114	73
11	45	64	49	60
12	103	118	114	115

10TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	89	105	99	96
2	70	70	80	60
3	118	35	126	28
4	67	44	71	39
5	159	42	154	51
6	175	89	182	87
7	101	84	107	79
8	130	100	144	88
9	89	57	95	51
10	146	46	149	43
11	128	103	122	109
12	116	92	130	79
13	71	73	77	68
14	83	56	102	40
15	78	75	110	53
16	85	77	101	59
17	102	98	146	65
18	102	49	107	46
19	81	73	83	73
20	122	80	129	77

11TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	64	176	65	175
2	44	155	48	150
3	69	148	65	152
4	79	137	87	132
5	85	130	90	124
6	75	136	75	136
7	113	161	115	159
8	68	95	77	89
9	56	112	56	112
10	78	139	81	137

12TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	46	119	46	119
2	61	90	68	87
3	64	75	77	66
4	72	123	77	119
5	82	72	81	73
6	90	65	97	63
7	59	103	75	85
8	95	110	105	102
9	89	82	100	72
10	78	91	79	91
11	75	85	74	87
12	46	87	53	82
13	47	131	49	129
14	51	105	71	87

13TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	74	78	107	55
2	115	62	133	45
3	94	76	97	93
4	69	105	78	97
5	102	55	127	35
6	109	87	128	71
7	82	103	92	94
8	94	88	94	92
9	101	95	119	79
10	113	98	142	73
11	98	83	140	61
12	93	59	101	51
13	79	80	100	67
14	90	80	102	70
15	102	42	113	35
16	67	113	80	102

14TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	120	76	116	83
2	127	61	131	59
3	114	58	109	63
4	98	81	96	83
5	109	99	105	104
6	80	69	93	60
7	41	53	59	39
8	87	74	108	55
9	117	86	145	68
10	99	65	115	59
11	120	92	136	79
12	108	99	109	99
13	106	46	117	39
14	109	103	124	94
15	82	95	90	89
16	101	59	111	54
17	98	74	107	68
18	113	76	124	67
19	129	89	135	84
20	95	93	106	87

• 15TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	33	90	33	90
2	61	111	61	113
3	21	38	20	39
4	42	56	42	41
5	109	85	130	71
6	106	107	129	87
7	83	98	115	73
8	161	51	165	47
9	105	78	117	69
10	139	66	140	68
11	129	71	135	69
12	117	71	148	45
13	122	68	130	60
14	92	64	120	46
15	81	96	100	80
16	60	56	104	48
17	43	108	45	106
18	76	112	83	105
19	95	90	92	97
20	76	110	79	113
21	126	90	164	62
22	103	53	112	47
23	118	58	134	47
24	187	116	206	99
25	151	80	190	50
26	84	82	123	48
27	95	89	95	93
28	93	63	99	61
29	127	56	114	76
30	94	44	99	40
31	121	82	156	57
32	136	84	138	82
33	126	50	134	47
34	101	96	109	89
35	56	155	54	158
36	127	144	126	145
37	77	66	76	66
38	77	100	78	101
39	103	125	104	126
40	108	58	111	60
41	247	69	252	70

16TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	27	193	30	190
2	63	88	62	88
3	88	80	93	77
4	87	122	102	110
5	79	105	84	108
6	67	78	71	72
7	81	81	90	75
8	83	83	93	75
9	46	106	58	97
10	60	99	63	97
11	78	105	76	107
12	58	121	81	98
13	55	142	97	101
14	49	102	67	89
15	43	141	75	113
16	56	105	65	97
17	82	102	88	97

17TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	103	90	104	89
2	80	77	86	72
3	142	61	153	51
4	127	59	113	64
5	97	56	96	59
6	125	125	138	125
7	53	133	59	127
8	19	156	23	153
9	44	171	37	178
10	32	162	35	159
11	63	136	69	136
12	70	99	71	98
13	65	86	65	88
14	53	133	58	131
15	37	139	47	129
16	45	95	47	94
17	49	129	53	125
18	49	130	56	129

18TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	89	60	92	58
2	119	75	121	73
3	131	92	134	90
4	111	50	117	48
5	151	80	160	71
6	118	62	129	55
7	171	45	170	45
8	183	65	183	50
9	124	84	138	73
10	114	48	123	40
11	171	72	177	67
12	145	80	149	79
13	153	89	165	82
14	149	105	163	76
15	141	60	142	62
16	180	96	185	94
17	177	62	185	53
18	157	67	171	55
19	126	53	126	55
20	76	57	82	51
21	158	74	163	71
22	172	100	182	96
23	122	95	120	97
24	48	55	45	154
25	111	108	111	108
26	46	111	47	110
27	46	98	46	198

19TH WARD.

Divisions.	Rowan, R.	Sanders, D.	Kinsey, R.	Megargee, D.
1	107	124	113	122
2	129	82	142	71
3	172	81	196	166
4	55	122	66	110
5	75	233	78	225
6	107	128	112	122
7	81	124	93	114
8	94	93	108	82
9	92	135	101	129
10	98	130	105	128
11	122	113	128	110
12	149	94	149	95
13	121	98	129	95

Divisions.	SHERIFF. Rowan, R.	SHERIFF. Sanders, D.	REGISTER OF WILLS. Kinsey, R.	REGISTER OF WILLS. Megargee, D.
19TH WARD.				
14	120	92	129	89
15	147	68	157	62
16	120	70	126	66
17	110	118	110	116
18	143	83	154	74
19	136	98	150	96
20	171	76	184	65
21	82	55	91	52
22	98	68	101	66
23	101	81	100	82
24	91	101	96	97
25	142	84	151	77
26	158	90	174	82
27	159	116	173	110
28	146	103	150	103
29	95	91	101	87
30	143	84	154	80
31	150	146	162	141
32	139	136	155	122
33	96	57	94	59
34	101	105	114	97
20TH WARD.				
1	116	95	128	87
2	55	120	83	92
3	109	114	114	110
4	127	84	136	79
5	91	101	110	88
6	100	80	119	70
7	61	55	66	51
8	86	46	94	38
9	112	43	114	43
10	84	97	93	88
11	122	76	133	73
12	129	132	143	122
13	105	51	115	43
14	67	120	67	121
15	96	100	115	78
16	176	67	184	60
17	89	85	97	59
18	53	128	62	119
19	104	83	136	53
20	144	51	147	47
21	71	82	51	74
22	104	123	118	111
23	104	87	138	66
24	121	68	139	59
25	119	86	125	81
26	164	100	185	81
27	131	77	152	69
28	132	121	152	103
29	119	113	128	105
30	109	100	123	84
31	128	76	134	67
32	115	84	132	69
33	209	78	211	82
34	121	115	146	89
35	149	98	167	85
36	126	91	136	85
37	158	85	154	91
21ST WARD.				
1	100	128	102	125
2	81	143	82	144
3	36	162	36	163
4	90	82	102	76
5	129	48	132	46
6	68	101	71	97
7	119	65	127	60
8	125	64	137	55
9	127	65	124	71
10	100	121	133	105
11	67	51	73	46
12	63	49	70	34
13	126	50	147	35
14	123	59	133	42
15	123	34	141	21
16	84	97	85	96

Divisions.	SHERIFF. Rowan, R.	SHERIFF. Sanders, D.	REGISTER OF WILLS. Kinsey, R.	REGISTER OF WILLS. Megargee, D.
21ST WARD.				
17	94	50	94	51
18	66	63	75	56
19	74	28	89	24
20	51	24	59	17
22D WARD.				
1	94	110	106	94
2	110	94	123	84
3	55	91	64	82
4	116	82	141	64
5	130	91	143	79
6	127	82	138	71
7	154	50	149	45
8	117	96	124	56
9	88	97	113	81
10	113	78	137	54
11	61	67	86	43
12	73	67	97	47
13	119	82	140	68
14	136	101	165	72
15	83	102	100	92
16	85	75	93	71
17	95	97	113	82
18	145	75	169	58
19	145	92	174	55
20	91	94	134	57
21	109	78	117	71
22	120	93	123	91
23	73	143	91	128
24	99	118	126	96
23D WARD.				
1	70	42	77	37
2	69	82	70	81
3	98	56	91	69
4	55	79	63	75
5	60	129	69	129
6	109	69	112	67
7	125	96	128	93
8	79	102	77	105
9	97	82	110	70
10	134	72	146	61
11	141	41	143	39
12	174	45	169	53
13	133	47	151	39
14	164	62	181	51
15	134	59	162	40
16	112	71	135	73
17	137	71	155	73
18	134	55	159	54
19	159	68	168	66
20	131	49	140	44
21	111	134	123	131
22	114	77	121	71
23	95	91	92	96
24	63	25	65	30
25	197	44	201	43
24TH WARD.				
1	184	122	241	73
2	153	82	151	86
3	156	108	140	125
4	118	129	115	133
5	147	101	169	85
6	162	132	155	141
7	150	92	150	96
8	113	115	114	115
9	93	150	85	159
10	153	82	147	91
11	107	100	114	94
12	196	87	186	96
13	114	82	106	96
14	120	64	126	59
15	105	113	115	108
16	98	42	105	39
17	80	45	82	45
18	110	65	108	69

Divisions.	SHERIFF. Rowan, R.	SHERIFF. Sanders, D.	REGISTER OF WILLS. Kinsey, R.	REGISTER OF WILLS. Megargee, D.
24TH WARD.				
19	147	70	162	63
20	149	82	146	82
21	159	84	154	91
22	139	64	145	60
23	92	119	76	133
24	131	175	143	166
25	98	96	103	75
26	90	57	96	53
27	85	71	96	66
28	97	88	100	81
29	125	93	135	85
30	75	90	114	55
31	153	125	164	125
32	116	55	124	48
33	153	121	176	103
34	79	142	93	139
35	150	39	154	40
36	170	65	191	53
37	83	61	85	57
25TH WARD.				
1	136	83	141	81
2	93	86	102	79
3	112	78	115	76
4	199	40	202	40
5	110	54	110	54
6	142	83	150	78
7	148	142	151	143
8	77	183	79	184
9	30	124	27	128
10	38	255	36	257
11	20	238	23	235
12	19	185	20	181
13	84	115	89	112
14	153	116	165	107
15	188	113	197	109
16	114	149	117	147
17	142	114	149	109
18	204	133	238	107
19	162	87	176	79
20	107	96	125	81
21	80	40	82	39
22	107	143	110	58
23	214	143	226	135
24	156	67	168	64
25	135	109	138	110
26	97	114	103	110
27	159	106	163	101
28	101	109	109	105
29	116	80	124	74
26TH WARD.				
1	118	56	116	58
2	132	67	136	65
3	93	67	106	57
4	124	103	134	94
5	82	165	92	155
6	86	169	98	152
7	157	80	137	82
8	124	127	127	101
9	128	121	145	106
10	151	58	158	55
11	89	84	99	77
12	112	89	126	77
13	110	72	122	61
14	155	72	162	67
15	161	43	165	41
16	116	54	114	58
17	117	71	175	60
18	140	90	150	84
19	136	86	150	86
20	116	37	123	34
21	90	108	101	98
22	178	55	176	56
23	156	76	156	77
24	135	85	135	86
25	91	55	93	54
26	159	85	164	80

Divisions.	SHERIFF. Rowan, R.	SHERIFF. Sanders, D.	REGISTER OF WILLS. Kinsey, R.	REGISTER OF WILLS. Megargee, D.
26TH WARD.				
27	109	75	111	73
28	123	76	127	73
29	132	94	133	95
27TH WARD.				
1	168	52	158	56
2	107	70	110	67
3	122	67	151	69
4	96	43	110	35
5	106	57	135	29
6	109	51	124	37
7	114	51	102	59
8	108	82	102	66
9	123	60	121	62
10	144	65	115	57
11	145	103	140	113
12	143	84	135	46
13	130	50	133	44
14	89	84	83	69
15	148	65	135	61
16	95	65	95	66
17	117	67	136	51
18	90	43	107	36
19	110	60	128	44
20	68	25	71	25
21	52	25	63	19
22	79	41	77	42
28TH WARD.				
1	83	51	102	38
2	139	47	147	48
3	112	90	138	66
4	139	77	161	59
5	130	116	142	106
6	52	55	59	48
7	91	77	98	75
8	104	83	82	111
9	159	63	162	63
10	184	84	203	69
11	61	37	65	33
12	102	83	110	74
13	68	93	85	78
14	46	38	51	34
15	102	111	113	110
16	90	69	90	69
17	101	66	103	64
18	143	65	160	49
19	127	85	136	83
20	95	36	99	34
21	87	131	91	129
22	136	101	141	89
23	187	91	199	85
24	111	121	115	118
25	92	60	105	50
26	154	53	163	44
27	88	91	91	93
28	79	98	85	97
29	111	69	110	73
30	128	92	149	75
31	103	56	119	47
32	48	71	49	71
33	63	68	56	64
34	51	42	53	42
35	101	78	98	81
36	71	94	82	84
29TH WARD.				
1	83	97	101	82
2	90	69	91	68
3	85	84	87	81
4	75	92	82	86
5	51	122	53	121
6	135	98	170	79
7	95	54	107	43
8	162	69	181	58
9	92	85	113	66

Divisions.	SHERIFF. Rowan, R.	SHERIFF. Sanders, D.	REGISTER OF WILLS. Kinsey, R.	REGISTER OF WILLS. Megargee, D.
29TH WARD.				
10	95	75	110	63
11	87	61	109	46
12	93	65	114	52
13	100	106	118	93
14	85	60	91	55
15	123	112	145	89
16	112	100	131	83
17	130	55	149	43
18	128	77	127	81
19	100	61	119	46
20	114	97	133	82
21	155	132	171	119
22	107	77	114	73
23	97	97	113	84
24	111	66	123	53
25	110	76	122	69
26	101	65	104	66
27	134	72	147	62
28	82	107	86	102
29	124	150	154	151
30	144	75	147	72
31	221	123	239	107
32	81	127	81	129
33	161	154	168	147
34	167	102	181	89
30TH WARD.				
1	202	81	207	79
2	128	82	128	84
3	124	96	133	90
4	143	76	149	71
5	170	59	177	52
6	148	82	157	75
7	113	115	111	117
8	98	112	107	106
9	167	49	176	43
10	110	59	115	54
11	145	49	152	44
12	151	72	157	66
13	95	79	93	84
14	130	117	142	113
15	113	125	117	123
16	178	93	184	90
17	159	95	172	84
18	162	75	169	71
19	118	83	122	81
20	146	137	147	156
21	69	139	67	141
22	144	100	151	94
31ST WARD.				
1	128	60	139	55
2	149	85	156	30
3	148	57	158	48
4	147	91	151	88
5	155	86	140	86
6	123	118	129	114
7	121	84	144	65
8	200	84	218	60
9	122	66	139	56
10	103	54	115	45
11	120	78	129	72
12	100	49	111	39
13	100	55	113	52
14	158	58	170	54
15	153	71	163	62
16	113	93	115	93
17	118	92	123	88
18	152	24	158	20
19	113	69	133	34
20	138	56	150	48
21	98	89	103	87
22	107	125	105	128
23	101	106	105	104
24	91	113	96	110
25	95	124	94	121

PRECIOUS STONES ARRANGED ACCORDING TO THEIR COLORS—*White.*—Diamond. *Blue.* Diamond. *Red.*—Diamond. *Yellow.*—Diamond. *Green.*—Diamond. *Pink.*—Diamond. *Brown.*—Diamond. *Black.*—Diamond. *Violet.*—Amethyst. *Opalescent.*—Diamond, Quartz, Ruby. *Orange or Reddish-yellow.*—Diamond, Chrysoberyl, Topaz, Jacinth, Ruby.

STATE OF NEW JERSEY.

Governor—LEON ABBETT. Salary, $5000. Term expires, January, 1887.
Secretary of State—HENRY C. KELSEY. Salary, $6000. Term expires, April, 1887.
Asst. Secretary of State—JOSEPH D. HALL. Salary, $4000. Term expires, April, 1887.
Attorney-General—JOHN P. STOCKTON. Salary, $7000. Term expires, April, 1887.
Treasurer—JOHN J. TOFFEY. Salary, $4500. Term expires, March, 1888.
Comptroller—EDWARD J. ANDERSON. Salary, $4500. Term expires, March, 1888.
Clerk in Chancery—GEORGE S. DURGEE. Fees. Term expires, March, 1886.
Clerk of the Supreme Court—BENJAMIN F. LEE. Fees. Term expires, November, 1887.
Commissioners of Sinking Fund—EUGENE S. DOUGHTY, JONATHAN H. BLACKWELL. Salaries, $1000 each. Term expires, January, 1888.
Law Reporter—G. D. W. VROOM. Salary, $1000. Term expires, January, 1890.
Chancery Reporter—JOHN H. STEWART. Salary, $1000. Term expires, January, 1888.
Major-General—JOSEPH W. PLUME. During life.
Quartermaster General—LEWIS PERRINE. Salary, $1200. Term expires, January, 1887.
Adjutant-General—WILLIAM S. STRYKER. Salary, $1200. Term expires, January, 1887.
Chief Clerk Supreme Court—ALFRED LAWSHE. Salary, $2500. Term exp., NOV., 1887.
Chancellor—THEODORE RUNYON. Salary, $10,000. Term expires, May, 1887.
Vice-Chancellors—ABRAHAM V. VAN FLEET, JOHN T. BIRD. Salaries, about $7000 each. Term expires, March, 1889.
Chief Justice—MERCER BEASLEY. Salary, $9000. Term expires, March, 1892.
Associate Justices—WILLIAM J. MAGIE, 1887; DAVID A. DEPUE, 1887; JONATHAN DIXON, 1889; M. M. Knapp, 1889; ALF. REED, 1889; EDW. W. SCUDDER, 1890; BENNET VANSYCKEL, 1890; JOEL PARKER, 1887. Salaries from $7000 to $10,000 each, according to population of circuit.
Lay Judges of the Court of Errors and Appeals—JOHN CLEMENT, WILLIAM PATERSON, JONATHAN S. WHITAKER, MARTIN COLE, HENDRICK H. BROWN, JOHN MCGREGOR. Salaries, about $1000 each.
State Librarian—MORRIS ROBESON HAMILTON. Salary, $1500. Term exp., February, 1889.
State Superintendent of Public Instruction—EDWIN O. CHAPMAN. Salary, $2500. Term expires, March, 1888.
Keeper of the State Prison—PATRICK H. LAVERTY. Salary, $3500. Term exp., Jan. 1887.
Supervisor of State Prison—HENRY L. BUTLER. Salary, $2500. Term exp., March, 1890.
State Geologist—GEORGE H. COOK.
State Board of Assessors—A. M. REYNOLDS, 1886; A. G. CATTEL, 1887; A. L. MCDERMOTT, 1888; EDWARD BETTLE, 1890. Salaries, $3000 each.
Chief of the Bureau of Statistics—JAMES BISHOP. Salary, $2500.
Trustees of the School Fund—Governor, Secretary of State, President of the Senate, Speaker of Assembly, Attorney-General, and Comptroller.

THE LEGISLATURE.

Salary in each House, $500. No mileage.

SENATE.

Counties.	Term expires.
ATLANTIC—John J. Gardner, *R.*	1886
BERGEN—John W. Bogert, *D.*	1886
BURLINGTON—William H. Carter, *R.*	1888
CAMDEN—Richard N. Herring, *R.*	1887
CAPE MAY—Joseph H. Hanes, *R.*	1888
CUMBERLAND—Isaac T. Nichols, *R.*	1886
ESSEX—Frederick S. Fish, *R.*	1887
GLOUCESTER—Stacy L. Pancoast, *R.*	1887
HUDSON—William Brinkerhoff, *D.*	1886
HUNTERDON—George H. Large, *R.*	1888
MERCER—George O. Vanderbilt, *D.*	1886
MIDDLESEX—Daniel C. Chase, *D.*	1888
MONMOUTH—Thomas G. Chattel, *D.*	1887
MORRIS—James C. Youngblood, *R.*	1886
OCEAN—George T. Cranmer, *R.*	1886
PASSAIC—John W. Griggs, *R.*	1888
SALEM—Wyatt W. Miller, *R.*	1887
SOMERSET—Lewis A. Thompson, *R.*	1887
SUSSEX—J. Anson McBride, *D.*	1888
UNION—Robert L. Livingston, *D.*	1887
WARREN—James E. Moon, *D.*	1887

Republicans, 13; Democrats, 8.

HOUSE OF ASSEMBLY.

ATLANTIC—J. S. Beckwith, *D.*
BERGEN—Eben Winton, *D.*; John Van Bussom, *D.*
BURLINGTON—Theodore Budd, *D.*; Allen H. Gangewer, *R.*; Thomas J. Alcott, *R.*
CAMDEN—E. A. Armstrong, *R.*; George Pfeiffer, *D.*; Henry M. Jewett, *R.*
CAPE MAY—A. P. Hildreth, *D.*
CUMBERLAND—Wilson Banks, *R.*; Franklin Lawrence, *R.*
ESSEX—C. F. Underhill, *R.*; Henry A. Potter, *R.*; Elias M. Condit, *R.*; Henry M. Doremus, *R.*; R. Wayne Parker, *R.*; Edwin Lister, *D.*; Jacob Schriehofer, *R.*; John H. Peal, *D.*; A. F. R. Martin, *R.*; William Harrigan, *D.*
GLOUCESTER—Joseph B. Roe, *R.*
HUDSON—R. B. Seymour, *R.*; Philip Tumulty, *D.*; D. A. Peloubet, *R.*; A. B. Dayton, *R.*; John Pearson, *D.*; R. S. Hudspeth, *D.*; T. J. McDonald, *D.*; Thomas F. Noonan, *D.*; John C. Besson, *D.*; Edward Lennon, *D.*
HUNTERDON—John C. Amwine, *D.*; Chester Wolverton, *D.*
MERCER—Symmes B. Hutchinson, *R.*; James C. Taylor, Jr., *R.*; William Ossenberg, *R.*
MIDDLESEX—John F. Ten Broeck, *R.*; John Martin, *D.*; R. R. Vanderberg, *R.*
MONMOUTH—W. S. Throckmorton, *D.*; Frank E. Heyer, *D.*; William Pintard, *D.*

MORRIS—John Norwood, *R.*; J. Seward Wills, *R.*; Elias C. Drake, *D.*
OCEAN—George G. Smith, *R.*
PASSAIC—John Scheele, *R.*; DeWitt C. Bolton, *R.*; George H. Low, *R.*; William B. Gourley, *D.*
SALEM—Joseph D. Whittaker, *R.*
SOMERSET—John Vetterlein, *D.*
SUSSEX—Horatio N. Kinney, *D.*
UNION—Peter L. Hughes, *D.*; William H. Corbin, *R.*; William Chamberlain, *R.*
WARREN—William M. Baird, *D.*; Thomas L. Titus, *D.*

Republicans, 31; Democrats, 29. Republican majority on joint ballot, 7.

CAMDEN COUNTY AND CITY GOVERNMENT.

Sheriff—R. F. Smith, *D.* Fees. Term expires, November 12, 1887.
Register of Deeds—R. S. F. Health. Fees. Term expires, November 9, 1898.
County Collector—Morris Hallock, *R.* Salary, $1000. Term expires, May, 1886.
County Clerk—John W. Branning, *D.* Salary, $4000. Term expires, November 23, 1898.
Director of the Board of Freeholders—J. Griffith Howard, *I. R.*
Coroners—P. H. Beale, *R.*; Henry H. Davis, *R.*; Edwin Tomlinson, *R.* Terms expire, November, 1887.
Surrogate—David B. Brown, *R.* Fees. Term expires, November, 1886.
President Judge—Joel Parker, *D.*
Law Judge—J. W. Wescott, *D.* Term expires, 1889.
Lay Judges—Isaiah Woolston, *D.*; term expires, 1888. John Gaunt, *D.*; term expires, 1889.
Prosecutor—Wilson H. Jenkins, *D.* Term expires, 1889.
Mayor—C. W. Bradshaw, *D.* Salary, $1000. Term expires, March, 1886.
Recorder—Benjamin M. Braker, *R.* No salary.
Receiver of Taxes—W. H. Rightmire, *R.* Salary, $1800. Term expires, March, 1886.
City Treasurer—F. F. Michelon, *R.* Salary, $1800. Term expires, March, 1887.
City Comptroller—Col. Hufty, *R.* Salary, $1800.
City Solicitor—W. W. Morgan, *R.* Salary, $2000 and fees. Term expires, March, 1887.
City Clerk—D. Cooper Carman, *R.* Salary, $1200 and fees.
Superintendent of School—H. L. Bonsall, *R.* Salary, $900. Term expires, March, 1886.
Chief of Police—Josiah Matlack, *D.* Salary, $900.
Supervisor of Highways—R. C. Thompson, *D.* Salary, $1000.
Superintendent of Water Department—Wm. B. Mines, *R.* Salary, $1200.
Chief Engineer of Fire Department—Samuel Elfreth, *R.* Salary, $1000.
Sealer of Weights and Measures—C. H. Ellis, *R.* Salary, $600.
City Surveyor—J. S. Schultz, *R.* Salary, $2000.
President of the Board of Education—Maurice L. Rogers.
President of the Board of Health—Dr. Leckner.

UNITED STATES MILITARY ACADEMY.

The United States Military Academy at West Point was founded by Act of March 16, 1802, constituting the corps of engineers of the army a military academy with fifty students or cadets, who were to receive instruction under the senior engineer officer as superintendent. Later Acts established professorships of mathematics, engineering, philosophy, etc., and made the Academy a military body, subject to the rules and articles of war. In 1815 a permanent superintendent was appointed and a year later an annual Board of Visitors was provided for, to be named by the President, the Speaker of the House, and the President of the Senate. In 1843 the present system of the appointment of cadets was instituted, which assigns one cadet to each Congressional district and Territory in the Union, to be named by the Representative in Congress for the time being, and ten appointments at large, specially conferred by the President of the United States. The number of students is thus limited to 312. A large proportion of those appointed fail to pass the examination, and many others to complete the course, the proportion being stated at fully one-half hitherto. The course of instruction requires four years, and is largely mathematical and professional. The discipline is very strict, even more so than in the army, and the enforcement of penalties for offences is inflexible rather than severe. The whole number of graduates from 1802 to 1877 was about 2700, of whom 1200 are deceased and 1500 living. Of those surviving, 800 are still in the army, and about 700 out of service.

Appointees to the Military Academy must be between seventeen and twenty-two years of age, at least five feet in height and free from infirmity, and able to pass a careful examination in various branches of knowledge. Each cadet admitted must bind himself to serve the United States eight years from the time of admission to the Academy. The pay of cadets, formerly fifty dollars per month and rations, was fixed at $540 per year, with no allowance for rations, by the Act of 1876. The aggregate amount of money appropriated by the United States for the Military Academy, from 1802 to 1877 inclusive, was $11,396,128, being an average of about $119,949 annually. The number of actual members of the Academy, by the official register of June, 1885, was two hundred and sixty-six.

OCCUPATIONS OF THE PEOPLE.

According to the census of 1880, the number of persons engaged in various industries in this country was as follows:

CLASSES.	MALE.	FEMALE.	TOTAL.
Agriculture .	7,075,983	594,510	7,670,493
Professional & personal	2,712,943	1,361,295	4,074,238
Trade, transportation .	1,750,892	59,364	1,810,256
Manufacturing, mining, etc.	3,205,124	631,988	3,837,112
All occupat's	14,744,942	2,647,157	17,392,099

THE AMERICAN TURF.

TROTTING TO HARNESS.

1 mile by a mare, 2.08¾. Maud S., ch. m., by Harold, by Rysdyk's Hambletonian, dam Miss Russell, by Pilot, Jr. Cleveland, Ohio, July 30, 1885.

1 mile by a gelding, 2.10. Jay-Eye-See, blk. g., by Dictator, dam Midnight, by Pilot, Jr. Narragansett Park, Providence, R., I., August 1, 1884.

1 mile by a stallion, 2.13¼. Maxey Cobb, b. s., by Happy Medium, dam Lady Jenkins, by Jupiter, Narragansett Park, Providence, R. I., September 30, 1884.

1 mile over a half mile track, 2.16. Rarus, b. g., by Conklin's Abdallah, dam Nancy, by Telegraph. Toledo, O., July 20, 1878.

1 mile, in a race with other horses, 2.13½. Maud S. (third heat). Chicago, Ill., July 24, 1880.

Fastest two consecutive heats, 2.11, 2.10¼. Jay-Eye-See. Belmont Park, Pa., August 15, 1884.

Fastest three consecutive heats, 2.12, 2.13¼, 2.12½. Maud S. Belmont Park, Pa., July 28, 1881.

Fastest three consecutive heats, by a stallion, 2.15, 2.14¼, 2.15¼. Phallas, b. s., by Dictator, dam Betsy Trotwood, by Clark Chief, Belmont Park, Pa., August 15, 1884.

Fastest three consecutive heats in a race with other horses, 2.14¾, 2.16, 2.17¼. Clingstone, b. g., by Rysdyk, son of Rysdyk's Hambletonian, Buffalo, N. Y., August 4, 1882.

Fastest four consecutive heats, in a race with other horses, 2.19¾, 2.15¾, 2.16¾, 2.13¾. Phallas, b. s., by Dictator, dam, Betsy Trotwood, by Clark Chief. Chicago, Ill., July 15, 1884.

Fastest fourth heat, 2.13¾. Phallas, b. s. Chicago, Ill., July 15, 1884.

2 miles, 2.43. Fanny Witherspoon, ch. m., by Almont, dam Lizzie Witherspoon, by Gough's Wagner. Chicago, September 25, 1885.

Two mile heat race, won by Post Boy, ch. s., by Magic (second and fourth heats), 4.52½, 4.52½, 4.56¼, 4.56. Cleveland, O., July 28, 1881.

3 miles (private trial), 7.05¼. Steve Maxwell, gr. g., by Ole Bull, Jr. Fleetwood Park, Nov. 18, 1880.

3 miles, 7.21¼. B. m. Huntress, by Volunteer, dam by American Star. Prospect Park, Brooklyn, September 23, 1872.

4 miles, 11.06. Trustee, ch. g., by imp. Trustee. Union Course, L. I., June 13, 1849.

5 miles, 13.00. Lady Mack, b. m. Oakland, Cal., April 2, 1874.

10 miles, 27, 23¼. Controller, b. g., by May Boy. San Francisco, Cal., November 23, 1878.

20 miles, 58.25. Captain Megowen, r. g., by Sovereign. Riverside Course, Boston, October 31, 1865.

50 miles, 3.55,40¼. Ariel, b. m. Albany, N. Y., May 5, 1846.

100 miles, 8.56.01. Conqueror, b. g., by Bellfounder. Long Island, November 12, 1853.

STALLION PERFORMANCES.

2.19¾, 2.15¾, 2.16¾, 2.13¾. Won by Phallas, b. s., by Dictator, dam Betsy Trotwood, by Clark Chief, in second, third, and fourth heats, beating Catchfly, Clemmie G., and Fanny Witherspoon. Chicago, Ill., July 15, 1884.

2.16½, 2.18½, 2.19, 2.20, 2.18¼, 2.19¼. Won by Black Cloud, by Ashland Chief, in second, fifth, and sixth heats, beating Jerome Eddy; third and fourth dead heats. Buffalo, N. Y., August 3 and 4, 1882.

2.18, 2.17½, 2.18½, 2.17¼, 2.19½, 2.21. Won by Piedmont, ch., by Almont, fourth, fifth, and sixth heats, beating Robert McGregor, Santa Claus, Hannis, Wedgewood, and Monroe Chief. Chicago, Ill., July 19, 1881.

2.17¾, 2.20¼, 2.18, 2.19. Won by Santa Claus, brown, by Strathmore, first, third, and fourth heats, beating Piedmont and Wedgewood. Beacon Park, Boston, Mass., September 15, 1881.

TROTTING TO WAGON.

1 mile, 2.16½. Hopeful, g. g., by Godfrey's Patchen; dam by the Bridham horse. Chicago, Ill., October 12, 1878.

1 mile, 2.17¾ (private trial), Lucy Cuyler, b. m., by Cuyler, he by Rysdyk's Hambletonian. Tarrytown, N. Y., August 12, 1882.

Fastest three consecutive heats—2.16½, 2.17, 2.17. Hopeful. Chicago, Ill., October 12, 1878.

2 miles, 4.56¼. General Butler, blk. g., by Smith Burr. Long Island, June 18, 1863, and Dexter, br. g., by Rysdyk's Hambletonian. Long Island, October 27, 1865.

3 miles, 7.53¼. Prince, ch. g., by Woodpecker. Centreville, L. I., September 15, 1857.

5 miles, 13.43¼. Little Mac. Fashion Course, L. I., October 29, 1863.

10 miles, 28.02¼. John Stewart, b. g., by Tom. Wonder. Boston, June 30, 1868.

20 miles, 58.57. Controller, b. g., by May Boy. San Francisco, Cal., April 20, 1878.

50 miles, 3.58.04. Spangle, r. g. Union Course, L. I., October 15, 1855.

DOUBLE TEAM TROTTING

1 mile, 2.15½. Maud S. and Aldine, driven by W. H. Vanderbilt, the owner. New-York Gentlemen's Driving Park, June 15, 1883. First quarter, 32¼ secs.; half, 1.05½; three quarters, 1.41.

1 mile, 2.15¾. Maxey Cobb and Neta Medium, both by Happy Medium, owned by Isidor Cohnfeld, driven by John Murphy. New-York Gentlemen's Driving Course, November 13, 1884.

1 mile, 2.16½. Cleora and Independence, owned by William Rockafeller, driven by J. P. Gilbert. Hartford, Connecticut, August 25, 1883.

1 mile, 2.16¾. Edward and Dick Swiveler, owned by Frank Work, driven by John Murphy. New York Gentlemen's Driving Park, July 13, 1882.

1 mile, 2.17. Clingstone and Guy, owned by W. J. Gordon. Cleveland, Ohio, August 12, 1885.

1 mile, 2.18¼. Clingstone and Midnight, owned by W. J. Gordon and J. D. Rockafeller. Cleveland, Ohio, Oct. 10, 1883.

1 mile, 2.22. Mill Boy and Blondine, driven by John Sheppard, the owner. Beacon Park, Boston, Mass., September 23, 1881.

FOUR-IN-HAND TROTTING.

mile, 2.40—(Second heat). Fanchon, Carrie Berihill, Sailor Boy, and Lotta, property of W. J. Gordon, of Cleveland, Ohio. Cleveland, September 7, 1882.

TROTTING WITH RUNNING MATE.

mile, 2.06. H. B. Winship, blk. g., by Aristos, dam by Colonel Moulton, Gabe Case as mate, driven by J. Golden. Narragansett Park, Providence, R. I., August 1, 1884.

mile, 2.08½. Frank, b. g., by Abraham (son of Daniel Lambert), J. O. Nay as mate, driven by John Murphy. Prospect Park, Brooklyn, N. Y., November 15, 1883.

mile, 2.11. Yellow Dock, ch. m. (formerly Mohawk Maid), by Clark's Mohawk. Narragansett Park, Providence, R. I., November 3, 1882.

The best record to harness of these horses at the time of these performances was as follows: Frank, 2.23¾; H. B. Winship, 2.20¼; Yellow Dock, 2.20¾.

TROTTING UNDER SADDLE.

1 mile, 2.15¾. Great Eastern, br. g., by Walkill Chief, by Rysdyk's Hambletonian. Fleetwood Park, N. Y., Sep. 22, 1877.

1 mile, 2.19½. Br. g. McLeod, ridden by George A. Singerly, Belmont Course, Sep. 28, 1885. Rider weighing 149 pounds. Fastest trial in Philadelphia.

2 miles, 4.53¼. George M. Patchen, b. s., by Cassius M. Clay. Union Course, L. I., June 12, 1860.

3 miles, 7.32½. Dutchman, b. g., by Tippoo Sahib, Jr. Beacon Course, Hoboken, N. J., August 1, 1839.

4 miles, 10.51. Dutchman, b. g., by Tippoo Sahib, Jr. Centreville Course, R. I., May, 1836.

THE TROTTING RECORD FOR 80 YEARS.

THE FOLLOWING HORSES HAVE IN SUCCESSION LOWERED THE MILE TROTTING RECORD.

1806	Yankee	2.59
1810	A Horse from Boston	2.58½
1824	Topgallant (saddle)	2.40
1830	Burster (saddle)	2.32
1834	Edwin Forrest (saddle)	2.31½
1843	Lady Suffolk (saddle)	2.28
1844	Lady Suffolk (saddle)	2.26½
1852	Tacony (saddle)	2.26
1853	Tacony (saddle)	2.25½
1856	Flora Temple	2.24½
1859	Flora Temple	2.19¾
1865	Dexter	2.18¼
1866	Dexter	2.18
1867	Dexter	2.17¼
1871	Goldsmith Maid	2.17
1872	Goldsmith Maid	2.16¾
1874	Goldsmith Maid	2.14
1878	Rarus	2.13¼
1879	St. Julien	2.12¾
1880	Maud S.	2.10¾
1881	Maud S.	2.10¼
1884	Jay-Eye-See	2.10
1884	Maud S.	2.09¾
1884	Maud S.	2.09¼
1885	Maud S.	2.08¾

HORSES WITH TROTTING RECORDS OF 2.20 AND UNDER.

Maud S.	2.08¾	Adair	2.17½	Adele Gould	2.19
Jay-Eye-See	2.10	Jerome Turner	2.17½	Albemarle	2.19
St. Julien	2.11¼	Robert McGregor	2.17½	Alley	2.19
Maxey Cobb	2.13¼	Santa Claus	2.17½	Bessie	2.19
Rarus	2.13¼	Duquesne	2.17¾	Bonesetter	2.19
Phallas	2.13¾	Hannis	2.17¾	Cozette	2.19
Clingstone	2.14	Sallie Benton	2.17¾	De Bary	2.19
Goldsmith Maid	2.14	Joe Davis	2.17¾	Edward	2.19
Trinket	2.14	Adelaide	2.18	Epaulet	2.19
Hopeful	2.14¾	Dick Swiveler	2.18	Francis Alexander	2.19
Harry Wilkes	2.15	Edwin Forrest	2.18	Graves	2.19
Lula	2.15	Glenn Miller	2.18	Kitty Bates	2.19
Majolica	2.15	Great Eastern	2.18	Lena Swallow	2.19
Smuggler	2.15¼	Judge Fullerton	2.18	Mambrino Sparkle	2.19
Clemmie G.	2.15½	Kate Sprague	2.18	Minnie R	2.19
Hattie Woodward	2.15½	Nettie	2.18	Wedgewood	2.19
Phyllis	2.15½	Proteine	2.18	Aldine	2.19¼
Anteeo	2.16¼	Red Cloud	2.18	Amelia C	2.19¼
Edwin Thorne	2.16¼	Billy Button	2.18¼	Bodine	2.19¼
Fanny Witherspoon	2.16¼	Catchfly	2.18¼	Captain Emmons	2.19¼
Lucille Golddust	2.16¼	Lady Maud	2.18¼	Comee	2.19¼
Maud Messenger	2.16¼	Lady Thorn	2.18¼	Croxie	2.19¼
Wilson	2.16¼	Lucy	2.18¼	Felix	2.19¼
American Girl	2.16½	Midnight	2.18¼	George Palmer	2.19¼
Darby	2.16½	Pickard	2.18¼	Iron Age	2.19¼
Jerome Eddy	2.16½	Rosa Wilkes	2.18¼	Joe Bunker	2.19¼
Phil Thompson	2.16½	Colonel Lewis	2.18½	Keene Jim	2.19¼
Charley Ford	2.16¾	Elvira	2.18½	Kenilworth	2.19¼
Occident	2.16¾	Guy Wilkes	2.18½	Parana	2.19¼
Director	2.17	J. B. Thomas	2.18½	Ruby	2.19¼
Gloster	2.17	Monroe Chief	2.18½	Sleepy Joe	2.19¼
Arab	2.17¼	Slow Go	2.18½	Walnut	2.19¼
Black Cloud	2.17¼	William H	2.18½	Abbottsford	2.19½
Dexter	2.17¼	Bonita	2.18¾	Antevolo	2.19½
Nellie R.	2.17¼	Cleora	2.18¾	Driver	2.19½
Piedmont	2.17¼	Frank Landers	2.18¾	Flash	2.19½
So So	2.17¼	Nuttwood	2.18¾	Forest Patchen	2.19½
Zoe B	2.17¼	Patchen	2.18¾	Frank	2.19½

Hinda Rose 2.19½	Camors 2.19¾	Elaine 2.20
Modoc 2.19½	Daisydale 2.19¾	Etta Jones 2.20
Moose 2.19½	Dick Wright 2.19¾	Fleety Golddust 2.20
Overman 2.19½	Dr. Norman 2.19¾	George V 2.20
Patron 2.19½	Flora Temple 2.19¾	Humboldt 2.20
Romero 2.19½	John S. Clarke 2.19¾	John H 2.20
Thomas L. Young . . 2.19½	Josephus 2.19¾	Little Fred 2.20
Tony Newell 2.19½	Pilot Knox 2.19¾	Mambrino Gift 2.20
Tucker 2.19½	A. V. Paintland 2.20	May Queen 2.20
Von Arnim 2.19½	Annie W 2.20	Nancy Hackett 2.20
William Arthur . . . 2.19½	Bay Frank 2.20	Orange Girl 2.20
Will Cody 2.19½	Belle Brasfield 2.20	Prospero 2.20
Butterfly 2.19¾	Belle Echo 2.20	

BEST TROTTING TIME AT ALL AGES.

Age.	Color and Sex.	Name.	Sire.	Record.	Time.
1 . .	Br. f . . .	Hinda Rose	Electioneer	2.36½	1881
2 . .	Br. f . . .	Wildflower	Electioneer	2.21	1881
3)	Br. f . . .	Hinda Rose	Electioneer	2.19½	1883
3)	Br. f . . .	Patron	Pancoast	2.19½	1885
4 . .	Gr. f . . .	Sally Benton	Gen. Benton	2.17¾	1884
5 . .	Blk. g . . .	Jay-Eye-See	Dictator	2.10¾	1883
6 . .	Blk. g . . .	Jay-Eye-See	Dictator	2.10	1884
7 . .	Ch. m. . .	Maud S	Harold	2.10¼	1881
8 . .	B. m . . .	Hattie Woodward . . .	Aberdeen	2.15½	1880
9 . .	B. s . . .	Maxey Cobb	Happy Medium	2.13¼	1884
10 . .	Ch. m. . .	Maud S	Harold	2.09¼	1884
11 . .	Ch. m. . .	Maud S	Harold	2.08¾	1885
12 . .	B. g . . .	Rarus	Conklin's Abdallah . . .	2.13¼	1879
13 . .	B. m . . .	American Girl	Amos C. M. Clay	2.16½	1874
14 . .	Gr. g. . . .	Hopeful	Godfrey's Patchen . . .	2.15½	1880
15 . .	B. m . . .	Goldsmith Maid . . .	Alex. Abdallah	2.16¾	1872
16 . .	B. m . . .	Goldsmith Maid . . .	Alex. Abdallah	2.17½	1873
17 . .	B. m . . .	Goldsmith Maid . . .	Alex. Abdallah	2.14	1874
18 . .	B. m . . .	Goldsmith Maid . . .	Alex. Abdallah	2.16	1875
19 . .	B. m . . .	Goldsmith Maid . . .	Alex. Abdallah	2.14	1876
20 . .	B. m . . .	Goldsmith Maid . . .	Alex. Abdallah	2.14½	1877

PACING IN HARNESS.

1 mile by a gelding, 2.06¼. Johnston, b. g., by Joe Bassett (formerly Bashaw Golddust), dam by Ned Forrest. Chicago, Ill., October 3, 1884.

1 mile by a mare, 2.12½. Buffalo Girl, b. m., by Digitalis. Pittsburg, Pa., July 27, 1883.

1 mile by a stallion, 2.18¾. Cohannet, b. s., by Bay State. Providence, R. I., Sep. 9, 1884.

1 mile in a race with other horses, 2.12¼. Sleepy Tom, ch. g., by Tom Rolfe. Chicago, Ill., July 25, 1879.

2 miles, 4.47¾. Dead heat between Defiance, b. g., by Chieftain, and Longfellow, ch. g., by Red Bill. Sacramento, Cal., Sep. 26, 1872.

3 miles, 7.44. James K. Polk, ch. g. Centreville Course, L. I., September 13, 1847.

4 miles, 10.34¼. Longfellow, ch. g., by Red Bill. San Francisco, Cal., Dec. 31, 1869.

5 miles, 12.54¾. Onward, blk. g., by Chieftain. San Francisco, Cal., Dec. 11, 1874.

Fastest three consecutive heats, 2.11¾, 2.11¾, 2.12½. Little Brown Jug, br. g., by Tom Hal. Hartford, Conn., August 24, 1881.

PACING UNDER SADDLE.

1 mile, 2.14¼. Billy Boyce, b. g., by Corbeau. Buffalo, N. Y., August 1, 1868.

2 miles, 4.57¼. James K. Polk, ch. g., and Roanoke, r. g., by Old Pilot. Philadelphia, June 10, 1850.

3 miles, 7.44. Oneida Chief, ch. g., by Kentucky Hunter. Beacon Course, Hoboken, N. J., August 14, 1843.

PACING TO WAGON.

1 mile, 2.16½. Sixth heat. Sweetzer, gr. g., by Tom Crowder. Buffalo, N. Y., Aug. 2, 1878.

1 mile. 2.17½. Pocahontas, ch. m., by Cadmus. Union Course, L. I., June 21, 1885.

DOUBLE TEAM PACING.

1 mile, 2.19. Richball, b. g., by King Pharoah, and Westmont, ch. g., by Almont, driven by J. S. Campbell. Narragansett Park, Providence, R. I., Sep. 11, 1883.

PACING WITH RUNNING MATE.

1 mile, 2.01¾. Westmont, ch. g., by Almont (b. g. Firebrand as mate). Chicago, Ill., July 10, 1884.

1 mile, 2.03¼. Minnie R., b. m., by J. C. Breckenridge (b. g. Firebrand as mate). Chicago, Ill., October 3, 1884.

PACING RECORDS AT DIFFERENT PERIODS.

1835, Oneida Chief (saddle) 2.31	1868, Billy Boyce (saddle) 2.14¼
1839, Drover (saddle) 2.30	1879, Sleepy Tom 2.12¼
1844, James K. Polk 2.23	1880, Sorrel Dan 2.14
1849, Dan Miller 2.23	1881, Little Brown Jug 2.13¾
1851, Tecumseh 2.21	1882, Buffalo Girl 2.12½
1852, Roanoke 2.18¼	1883, Johnston 2.10
1855, Pocahontas (wagon) 2.17½	1884, Johnston 2.06¼

HORSES WITH PACING RECORDS OF 2.20 AND UNDER.

Johnston	2.06¼	Yankee Sam	2.16¼	Longfellow	2.19¼
Little Brown Jug	2.11¾	Bessie M.	2.16¾	Change	2.19½
Leepy Tom	2.12¼	Joe Braden	2.16¾	Chief	2.19½
Buffalo Girl	2.12½	George G.	2.17	Dan Voorhees	2.19½
Richball	2.12½	Lottie P.	2.17¼	Hoosier Dick (saddle)	2.19½
Mattie Hunter	2.12¾	Sailor Boy	2.17¼	Hoosier Tom	2.19½
Flora Bell	2.13¼	Cohannet	2.17½	Messina Boy	2.19½
Fuller	2.13¾	Eddie D.	2.17½	Princess	2.19½
Gem	2.13¾	Jim Brown	2.17½	Ben Butler	2.19¾
Rowdy Boy	2.13¾	Argyle	2.17¾	Billy M.	2.19¾
Westmont	2.13¾	Defiance	2.17¾	Georgetown	2.19¾
Bay Billy	2.14	Jordan	2.17¾	Harry	2.19¾
Gossip Jr.	2.14	Tommy Lynn	2.17¾	Katie Howard	2.19¾
Lucy	2.14	Fritz	2.18	Nimrod	2.19¾
Sorrel Dan	2.14	Joe Bowers	2.18	Albany Boy	2.20
Billy S.	2.14¼	Dan Rice (saddle)	2.18¼	Bay Sallie	2.20
Jewett	2.14½	Limber Jack	2.18½	Bonnie	2.20
Little Mack	2.15	Pet	2.18½	Billy Mayo	2.20
Marlowe	2.15	Conway	2.18¾	Clinker	2.20
Sleepy George	2.15	Golden Prince	2.18¾	Gurgle	2.20
Sweetzer	2.15	Billy Boyce (s. 2.14¼)	2.19	Lady St. Clair	2.20
Toledo Girl	2.15	Copper Bottom	2.19	Maud	2.20
Lorene	2.15	Lone Jack	2.19	Nettie Hoppin	2.20
New Hope	2.16	Prussian Maid	2.19	Pocahontas (w., 2.17½)	2.20
Ben Hamilton	2.16¼	Felix	2.19¼	Sorrel Billy	2.20
Minnie R.	2.16½	Jim Jewell	2.19¼	Washington	2.20
Mike Wilkes	2.16½	Jordan	2.19¼		
Silvertail	2.16½	Little Em	2.19¼		

THE RUNNING TURF.

½ mile, 47¾ sec. Olitipa, by imp. Leamington, 2 years old, 97 pounds. Saratoga. July 25, 1874.

¾ mile (straight), 1.13. Force, blk. h., 5 years old, by Roxbury—Nora Worth, 121 pounds, Louisville, Ky., September 24, 1883. 1.14, Barret, b. c., 2 years old, by imp. Bonnie Scotland—Sue Walton, by Jack Malone, 115 pounds, Monmouth Park, N. J., August 17, 1880; also, Knight Templar, ch. g., 3 years old, by Fellowcraft—Emma Johnson, 77 pounds, Sheepshead Bay Course, September 18, 1880, and Monarch, ch. g., 3 years old, by Monarchist—Kith, 91 pounds, Saratoga, N. Y., August 22, 1882.

1 mile, 1.39¾. Ten Broeck, b. h., 5 years, by imp. Phæton—Fannie Holton, 110 pounds. Louisville, Ky., May 24, 1877.

1 mile against other horses, 1.40½.—Boardman, b. g., 4 years old, by Bonnie Scotland—Woodbine, 91 pounds. Sheepshead Bay Course, September 21, 1880.

1¼ miles, 2.07¾. Getaway, b. e., 3 years old, by Enquirer—Colossus. Saratoga, N. Y., August 4, 1881.

1½ miles, 2.34. Luke Blackburn, b. c., 3 years old, by Bonnie Scotland, 102 pounds. Monmouth Park, N. Y., August 17, 1880.

1¾ miles, 3.01. Glidelia, ch. m., 5 years old, by Bonnie Scotland—Waltz, 116 pounds. Saratoga, N. Y., August 5, 1882.

2 miles, 3.27½. Ten Broeck, b. h., 5 years old, by imp. Phæton—Fannie Holton, 110 pounds. Louisville, Ky., May 29, 1877.

2 mile-heat race, 2.33, 2.31¼. Miss Woodford, br. f. (4), by imp. Billet—Fannie Jane, Long Island Stakes. Sheepshead Bay Course, September 29, 1884.

2¼ miles, 3.55. Duchess of Norfolk, b. f., 3 years old, by Norfolk—Marian, 93 pounds. Bay District Course, Cal., April 27, 1882.

2½ miles, 4.27½. Aristides, 4 years old, by imp. Leamington, 108 pounds. Lexington, Ky., May 13, 1876.

3 miles, 5.25. Lida Stanhope, ch. f., 4 years old, Waverly—Ada Cheatham, 100 pounds. Saratoga, N. Y., August 26, 1882.

4 miles, 7.15¾. Ten Broeck, 4 years old, 101 pounds. Louisville, Ky., September 27, 1876.

1 mile over four hurdles, 1.50. Suanannoa, aged, 120 pounds. Brighton Beach, Coney Island, July 16, 1881; two heats, (4) hurdles, 1.50¾, 1.50¼. Joe Rhodes, 5 years, 140 pounds. St. Louis, Mo., June 4, 1878.

1¼ miles, over 5 hurdles, 2.16. Jim McGowan, 4 years old, by War Dance—Solferino, 127 pounds. Brighton Beach, N. Y., November 9, 1882.

2 miles over eight hurdles, 3.47½. Tom Leathers, aged, by Camp Whale, 117 pounds. New Orleans, 1875.

Steeplechase, full course, 4.15. Disturbance, aged, by Chilicothe, 155 pounds. Jerome Park, 1883. 4.21, Jim McGowan (5), by War Dance, 160 pounds. Jerome Park, 1883.

DOUBLE TEAM RUNNING.

1 mile, 1.51. Ghost and De Barry. Owned by W. Snyder, driven by John Murphy. Rochester, N. Y., August 8, 1885.

WINNERS OF THE AMERICAN DERBY.

RUN AT LOUISVILLE, KY., ONE MILE AND A HALF.

1875,	Aristides, by Leamington	2.37¾
1876,	Vagrant, by Virgil	2.38¼
1877,	Baden-Baden, by Australian	2.38
1878,	Day Star, by Star Davis	2.37¼
1879,	Lord Murphy, by Pat Malloy	2.37
1880,	Fonso, by King Alfonso	2.37½
1881,	Hindoo, by Virgil	2.40
1882,	Apollo, by Lever	2.40¼
1883,	Leonatus, by Longfellow	2.43
1884,	Buchanan, by Buckden	2.40¼
1885,	Joe Cotton, by King Alfonso	2.37¼

English Derby first run at Epsom in 1780.

MISCELLANEOUS SPORTS.

BASE-BALL.

NATIONAL LEAGUE.—Organized February 2, 1876. The championship was won by the Chicago Club in 1876, 1880, 1881, 1882, and 1885; by the Boston Club in 1877, 1878, and 1883; and by the Providence Club in 1879 and 1884. The following was the standing of the clubs at the close of the season of 1885:

CLUBS.	Chicago.	New York.	Philadelphia.	Providence.	Boston.	Detroit.	Buffalo.	St. Louis.	Games Won.	Games Lost.	Games Played.	Per Cent. Won.
Chicago. .	.	6	11	11	14	15	16	14	87	25	112	.776
New York	10	.	11	12	13	12	15	12	85	27	112	.758
Philada. .	5	5	.	8	9	9	11	9	56	54	110	.509
Provid'ce .	5	4	7	.	7	9	13	8	53	57	110	.482
Boston . .	2	3	7	9	.	7	10	8	46	66	112	.410
Detroit . .	1	4	7	6	9	.	5	9	41	67	108	.379
Buffalo. .	0	1	5	3	6	11	.	12	38	74	112	.346
St. Louis .	2	4	6	8	8	4	4	.	36	72	108	.333

AMERICAN ASSOCIATION.—Organized Nov. 2, 1881. The championship was won by the Cincinnati Club in 1882; by the Athletic Club of Philadelphia in 1883; by the Metropolitan Club of New York in 1884, and by the St. Louis Club in 1885.

CLUBS.	St. Louis.	Cincinnati.	Pittsburg.	Athletic.	Brooklyn.	Louisville.	Metropolitan.	Baltimore.	Games Won.	Games Lost.	Games Played.	Per Cent. Won.
St. Louis .	.	10	10	12	12	12	9	12	14	79	33	112	.705
Cincinnati	6	.	9	9	11	8	10	10	63	49	112	.562
Pittsburg .	6	7	.	6	10	10	7	10	56	55	111	.495
Athletic. .	4	7	10	.	5	8	11	10	55	57	112	.491
Brooklyn.	4	5	6	11	.	10	8	9	53	59	112	.473
Louisville	7	8	6	8	6	.	9	9	53	59	112	.473
Metro'n. .	4	6	8	5	8	7	.	6	44	64	108	.407
Baltimore	2	6	6	6	7	7	7	.	41	68	109	.376

EASTERN LEAGUE.—Organized January 4, 1884. The Trenton Club won the championship in 1881, and the National Club of Washington came out ahead in 1885. In the latter year five of the eight original clubs disbanded before the end of the season. The Jersey City (N. J.) Club disbanded for lack of funds on June 23, and two days later the Atlantic City (N. J.) Club, that had just been transferred from Wilmington, Del., also gave up the ghost. The Trenton Club was transferred to Jersey City, and all went smoothly until August 4, when the Lancaster (Pa.) Club dropped out, and the Bridgeport (Conn.) Club was admitted to the vacancy a week later. The Norfolk (Va.) Club disbanded on August 31, and the Waterbury (Conn.) Club took its place on September 4. The Virginia Club of Richmond, Va., disbanded when the season was within ten days of its close. The five clubs remaining at the end of the season were the Washington, Waterbury, Trenton, Newark, and Bridgeport Clubs, and they ranked in the order named in the percentage of games won:

CLUBS.	National.	Virginia.	Waterbury.	Trenton.	Newark.	Norfolk.	Lancaster.	Bridgeport	Jersey City.	Atlantic City.	Games Won.	Games Lost.	Games Played.	Per Cent. Won.
National..	.	10	1	12	11	13	8	6	3	6	70	26	96	.730
Virginia..	8	.	.	16	9	11	10	.	1	10	67	26	93	.720
Wate'ry...	1	.	.	2	3	.	.	.	.	.	8	9	17	.470
Trenton...	6	1	12	.	11	7	4	4	6	2	43	49	92	.467
Newark ..	6	6	.	7	.	3	6	3	6	2	41	51	92	.445
Norfolk..	1	3	.	4	8	.	7	.	2	2	8	33	41	.440
Lancas'r..	3	2	.	5	3	5	.	.	2	2	8	28	36	.417
Bridge't...	0	3	4	1	4	.	.	.	.	.	12	17	29	.413
Jersey C...	0	1	.	2	1	1	3	.	.	.	9	27	36	.250
Atlan. C...	0	0	.	0	1	2	1	.	1	.	5	31	36	.139

Longest base-ball game, Harvard College Nine vs. Manchester (professional) Club, 24 innings; score, 0 to 0; Boston, Mass., May 11, 1877. Throwing regulation ball 133 yards 1 foot 7½ inches—John Hatfield, of Mutual Club, N. Y., in Brooklyn, October 15, 1872; 135 yards 7 inches said to have been accomplished by Ed. Crane, of the Boston Union Club, at Cincinnati, October 12, 1884; 133 yards 1 foot 4 inches—E. N. Williamson, of the Chicago Club, October 14, 1885.

Running bases, 120 yards, said to have been accomplished in 14 seconds, by Gore, of the Chicago Club, in a competition against time, San Francisco, Cal., November 9, 1879.

Pitching—J. Smith, of the Newark (N. J.) Club, "shut out" the Baltimore Club without a hit on October 3, 1885. Only 27 men came to the bat, and the ball was not hit safely outside the diamond. C. J. Ferguson, of the Philadelphia Club, "shut out" the Providence Club without a hit on August 29, 1885. J. G. Clarkson, of the Chicago Club, "shut out" the Providence Club without a hit on July 27, 1885. Ramsey, of the Louisville Club, "shut out" the Nashville Club without a hit on October 11, 1885.

The April series between the Philadelphia and Athletic Clubs resulted in favor of the latter, as follows: Athletic victories, 2 to 1, 8 to 4, 8 to 3, and 6 to 4; Philadelphia victories, 3 to 2, and 7 to 5. The October series resulted in favor of the Philadelphia Club, as follows: Philadelphia victories, 17 to 2, 6 to 3, and 9 to 4; Athletic victories, 7 to 2, and 7 to 1.

CRICKET.

THE HALIFAX CUP.

In August, 1874, the officers of the British garrison at Halifax, Nova Scotia, organized a cricket tournament open to any teams in the United States or Canada, and a silver cup emblematic of the championship of America was offered, to become the property of the winner. The entries were: England, under the leadership of Capt. N. Willoughby Wallace; Canada, captained by Rev. T. D. Phillips, and America (Philada.), handled by D. S. Newhall. The United States team was successful in both its matches, defeating Canada by an inning and 31 runs, and England by an inning and 5 runs. The cup was therefore carried to Philadelphia, and in September of the following year was again

offered for competition between similar teams. The results of the former engagements were not reversed, the representatives of the Dominion being beaten by 87 runs, while the Englishmen lost by 8 wickets. The trophy having thus become the undisputed property of Philadelphians, it was in 1880 turned over to a committee to be awarded annually to the local championship organization. The Young America Club won the cup in 1880, 1881, 1883 and 1885, and the Belmont Club gained the prize in 1882 and 1884.

THE CHILDS' CUP.

In the same year, 1880, the committee became trustee of two cups presented by George W. Childs, to be awarded annually to the players securing the best batting and bowling averages in matches of the championship series. R. S. Newhall, of the Young America Club, won the batting trophy in 1880, 1881 and 1885, with respective averages of 26.33, 49.50 and 34.60. E. W. Clark, Jr., of the same club, was the successful batsman in 1882, with an average of 29.33, and W.W. Noble, another Young America man, was first in 1884 with an average of 41.60. A. M. Wood, of the Belmont Club, led the batsmen of 1883 with an average of 26.50.

The bowling cup was won by W. C. Lowry, of the Merion Club, in 1880 and 1883, with averages of 5.49 and 6.54. H. MacNutt, of the Oxford and Young America Clubs, was the lucky bowler in 1882 and 1885, with averages of 4.96 and 5.71. C. A. Newhall's Young America average of 9.29 led in 1881, and J. I. Scott, of the Belmont Club, with 7.82 was first in 1884. The following tables show the results of matches played by the Philadelphia clubs competing for the local championship in 1885, with other data:

CLUBS.	Matches played.	Won.	Lost.	Per cent. won.
Young America	3	3	0	1.000
Belmont.	2	1	1	.500
Germantown. .	3	1	2	.333
Merion	2	0	2	. .

CLUBS.	Total runs.	Wickets lost.	Average runs per wicket.
Young America	908	51	17.80
Belmont	508	40	12.70
Germantown. . .	726	60	12.10
Merion	433	36	12.03
OPPONENTS.			
Young America .	723	56	12.91
Belmont	466	31	15.03
Germantown . .	756	60	12.60
Merion.	630	40	15.75

CLUBS.	Number at bat.	Bowled.	Caught.	Leg before wicket.	Run out.	Stumped.	Hit wicket.	Not out.
Young America	58	13	32	2	4	0	0	7
Belmont	44	8	27	1	4	0	0	4
Germantown . .	66	17	34	3	5	1	0	6
Merion.	40	10	25	0	1	0	0	4

The following table shows the results of all matches played by Philadelphia Clubs in 1885:

CLUBS.	Matches played.	Won.	Lost.	Drawn.	Per cent. won.
Young America .	9	9	0	0	1.000
University of Pa.	5	5	0	0	1.000
Germantown. . .	9	6	2	1	.722
Haverford College	9	5	3	1	.611
Belmont	9	5	4	0	.556
Oxford	11	6	5	0	.545
Merion	7	2	5	0	.286
Philadelphia . . .	3	0	3	0	. .

PRINCIPAL MATCHES BETWEEN ENGLAND, AUSTRALIA AND UNITED STATES.

	Innings. 1*st.*	2*d.*	*Innings.* 1*st.*	2*d.*
1859—Parr's 11 vs. 22, at Philadelphia	126	29	94	60
1868—Wilsher's 11 vs. 22, at Philadelphia . . .	92	36	88	35
1868—Wilsher's 11 vs. 22, at Philadelphia . . .	117	64	47	62
1872—Gentlemen's 12 vs. 22, at Philadelphia. .	105	34	63	74
1878—Australian 11 vs. 11, at Philadelphia . . .	150	56	196	53
1879—Lord Harris' 11 vs. 11, at Hoboken. . . .	266	—	84	55
1879—Irish 11 vs. 11, at Philadelphia	58	82	149	—
1879—Irish 11 vs. 11, at Philadelphia	122	—	108	—
1879—Daft's 11 vs. 22, at Staten Island . . .	188	58	34	67
1879—Daft's 11 vs. 15, at Philadelphia	149	133	68	67
1881—Shaw's 11 vs. 18, at New York	254	—	65	46
1881—Shaw's 11 vs. 18, at Philadelphia	114	166	71	77
1881—Shaw's 11 vs. 18, All Phila., at Phila. .	277	—	126	47
1882—Australians (11) vs. 18. All New York, at Hoboken, N. J., . . . Won by 7 wickets.	116	14	27	102
1882—Australians vs. 18, All Philadelphia, at Philadelphia . . . . Won by 10 wickets.	106	53	82	76
1884—Gentlemen of Philadelphia in Great Britain and Ireland, played 18 matches, winning 8 and losing 5, while 5 were drawn. First American team to visit England.				
1885—Gentlemen of Philadelphia vs. English Gentlemen, at Philadelphia	200	178	147	122
1885—English Gentlemen vs. Gentlemen of Philadelphia, at Philadelphia	193	317	147	120
1885—English Gentlemen played 8 matches in this country, winning 6, losing 1, and playing 1 drawn game.				

Largest totals for a inning, 920, made by Orleans Club against Rickling Green, Eng., August, 1882. 745 (for 4 wickets), West of Scotland vs. Chichester, Eng., July, 1885. 794 (for 8 wickets), Royal Engineers, Chatham, Eng., 1875. 708 for 4 wickets, Emmanuel elevens, England, 1881. Largest individual score, 419 not out, J. S. Carrick, West of Scotland eleven, England, July, 1885; 415, not out, W. N. Roe, England, July, 1881; 400, not out, W. G. Grace, England, 1876: 250, not out, T. Horan, Australia, 1879; 211, Capt. Murdock, England, 1884; 180, not out, George M. Newhall, of Young America Club, Philadelphia, against Baltimore, July 1, 1880; 204, A. Browning, Montreal Club, in a game at Ottowa, Canada, July 1, 1880; 107, Rev. R. T. Thornton, English Gentlemen eleven, Philadelphia, September, 1885. Bowling average, 20 wickets for 59 runs, E. Peate, Shaw's 11 against U. S. 18, at Philadelphia, 1881. Throwing regulation ball, 132 yards, Mr. Forbes, England, 1876. 119 yards, G. J. Bonner, England, 1882.

ROWING.

SINGLE SCULLS—1½ miles, straight, 8.36, Joseph Laing (amateur), Lachine, Canada, August 19, 1882; 9.00¾, George W. Lee (amateur), Newark, N. J., 1878.—2 miles, turn, 13.21½, James H. Riley (amateur), Saratoga, N. Y., 1876.—3 miles, turn, 20.03, George H. Hosmer, Hulton, Pa., September 28, 1883.—19.04, course said to be short, Edward Hanlan, Point of Pines, Mass., May 31, 1883.—21.01, trifle over three miles. Fastest ever rowed in England, Edward Hanlan, of Toronto, Canada. Mansion House to Scottswood Bridge, on the Tyne, June 16, 1879.—4 miles, turn, 26.32 (accuracy of the course questioned), John Teemer, Oak Point, N. Y., August 2, 1884; 27.02, dead heat between James H. Riley and Edward Hanlan, Barrie, Ontario, 1879.—5 miles, turn, 34.10, John Teemer, Sebago Lake, Maine, July 7, 1884.—10 miles, turn, 1 hour 23 minutes, Joshua Ward, Poughkeepsie, N. Y., November 5, 1860.

DOUBLE SCULLS—1½ miles, straight, 7.59, J. Buckley, and W. O'Connell (amateurs), Lachine, Canada, August 21, 1882.—2 miles, turn, 12.16, C. E. Courtney and F. E. Gates (amateurs), Saratoga, N. Y., August 8, 1876.—3 miles, turn, 17.57½, C. E. Courtney and P. H. Conley, Pleasure Island, near Albany, N. Y., August 20, 1885.—18.15, Edward Hanlan and George W. Lee, Pleasure Island, October 15, 1885.

PAIR OARS.—1½ miles, straight, 8.41, J. H. Clegg and F. D. Standish (amateurs), Lachine, Canada, August 19, 1882.—2 miles, straight, 12.20¾, J. H. Riley, J. A. Kennedy, (amateurs), Greenwood Lake, N. Y., October 9, 1876.—3 miles, turn, 20.28, G. Faulkner, P. Reagan (professionals), Philadelphia, 1876.—5 miles, turn, 32.01, John and Bernard Biglin (professionals), Philadelphia, May 20, 1872.

FOUR OARS.—1½ miles, straight, 7.46¾, Emerald Club (amateur), of Saginaw, Mich., at Detroit, Mich., 1877. Best time over the National Course, Schuylkill River, Philadelphia, straight, 8.39, University of Pennsylvania crew, June 23, 1883.—3 miles straight, 15.32¼, Argonauta Rowing Association (amateur), Kill von Kull, N. J., 1875.—3 miles, turn, 17.58, "Fisherman Crew" of Halifax, N. S., at Philadelphia, 1876.—4 miles, turn, 24.40, Ward Brothers, Saratoga, N. Y., 1871.—4 miles, 440 yards, straight, 20.40, Thames Rowing Club, Putney Aqueduct to Mortlake, Eng., September 15, 1882.—5 miles, turn, 30.44¾, John, James and Bernard Biglin, and Denny Leary, Harlem River, N. Y., September 10, 1880.

SIX OARS.—3 miles, straight, 16.32 4-5, Amherst University crew (amateurs), Springfield, Mass., July 24, 1872; 17.40½, Ward Brothers, Lake Quinsigamond, Mass., 1868.

EIGHT OARS.—1½ miles, straight, 7.51, Metropolitan Rowing Club crew (amateurs), Newark, N. J., August 8, 1883; 8.06¼, Columbia College crew (amateurs), National Course, Schuylkill River. July 10, 1884.—3 miles, straight, 17.34¾, Cornell University (amateurs), Owasco Lake, N. Y., July 17, 1878.—4 miles, straight, 20.44¾, Harvard University (amateurs), New London, Conn., June 28, 1878.—4⅝ miles, straight, 19.35, Cambridge University (amateurs), Thames, Eng., 1873.

RUNNING.

50 yards.—5½ seconds, L. E. Myers (amateur), New York, Dec. 12, 1884.

100 yards.—9¼ seconds, flying start, George Seward (professional), England, Sept. 30, 1844.

120 yards.—11½ seconds, George Seward, England, May 3, 1847.

130 yards.—12½ seconds, W. Johnson (professional), Fenham Park, England, Feb. 9, 1867.

131½ yards.—12¼ seconds, Harry Hutchens (professional), Sheffield, England, Feb. 21, 1882.

150 yards.—15 seconds, C. Westhall (professional), Manchester, England, Feb. 4, 1851; George Forbes (professional), Providence, R. I., Dec. 20, 1869; W. P. Phillips (amateur), London, England, May 22, 1880, and H. M. Johnson (professional), Titusville, Pa., Oct. 18, 1883.

200 yards.—19½ seconds, Geo. Seward (professional), England, March 22, 1847.—20⅛ seconds, L. E. Myers (amateur), New York, Sept. 15, 1881.

220 yards.—22½ seconds, W. P. Phillips (amateur), England, Sept. 28, 1878; and L. E. Myers (amateur), New York, Sept. 15, 1881.

400 yards.—43⅝ seconds, L. E. Myers (amateur), New York, June 3, 1882.

Quarter mile.—48½ seconds, Richard Buttery, (professional), England, Oct. 4, 1873.—48 3-5 seconds, L. E. Myers (amateur), England, July 16, 1881.

Half mile.—1.53½ seconds, Frank Hewitt, Australia, Sept. 21, 1871.—1.55 2-5 seconds, L. E. Myers (amateur), Birmingham, Eng., July 7, 1884, and New York, Oct. 3, 1885.

1 mile.—4.16 1-5, William Cummings, Preston, England, May 14. 1881.

2 miles.—9.11½, Wm. Lang, England, Aug. 1, 1883.—10.01½, W. C. Davies (amateur), New York, Sept. 17, 1880.

3 miles.—14.36, J. White, England, May 11, 1863.—14.42 4-5, W. G. George (amateur), England, November 5, 1881.—15.38, J. H. Gifford, New York, 1881.

4 miles.—19.36, J. White, England, May 11, 1863.—19.49 3-5, W. G. George, England, Sept. 4, 1880.

5 miles.—24.40, J. White, England, May 11, 1863.—25.36, W. G. George (amateur), England, March 25, 1882.

10 miles.—51.06 3-5, William Cummings, (professional), London, England, Sept. 28, 1885.—51.26, L. Bennett (Deerfoot), Eng., April 3, 1863.—52.10 1-5, Wm. Steel, New York, May 19, 1883.

5 miles. — 1.22.00, J. Howett, England, March 22, 1882.
20 miles.—1.54.00, Patrick Byrnes, Halifax, N. S., Oct. 4, 1879. 1.56.38, J. E. Warburton, Blackburn, England, May 29, 1880.
25 miles.—2.36.34, G. Mason, England, March 14, 1881.
30 miles.—3.15.09, G. Mason, England, March 14, 1881.
40 miles. — 4.34.27, James Bailey, England, March 14, 1881.
50 miles.—6.14.47, George Hazael, England, April 21, 1879.
100 miles.—13.26.30, Charles Rowell, Feb. 27, 1882.
150 miles.—25.34.51, Chas. Rowell, England, Nov., 1880.
200 miles.—35.43.10, Chas. Rowell, England, Nov., 1880.
250 miles. — 46.24.50, Charles Rowell, New York, Feb., 1882.
300 miles. — 58.17.06, Charles Rowell, New York, Feb., 1882.
400 miles. — 86.12.15, George Hazael, New York, March, 1882.
500 miles.—110.14.30, George Hazael, New York, March, 1882.
600 miles. —141.11.35, George Hazael, New York, March, 1882.
1 hour. — 11 miles, 970 yards, L. Bennett (Deerfoot), England, April 3, 1863.
Best six day race, 142 hours.—600 miles, 220 yards, George Hazael, New York, Feb. 27 to March 4, 1882.

WALKING.

¼ mile.—1.26¼, F. P. Murray (amateur), New York, October 27, 1883.
½ mile.—3.02 2-5, F. P. Murray (amateur), New York, October 22, 1883.
1 mile.—6.23, W. Perkins, England, June 1, 1874; 6.29 3-5, Frank P. Murray (amateur), New York, October 27, 1883.
2 miles.—13.14, J. W. Raby, England, August 20, 1883; 13.48 3-5, F. P. Murray (amateur), Williamsburg, L. I., May 30, 1884.
3 miles.—20.21½, J. W. Raby, England, August 20, 1883; 21.09 1-5, F. P. Murray (amateur), New York, November 6, 1883.
4 miles.—27.38, J. W. Raby, England, August 20, 1883; 28.42½, John Meagher, New York, November 29, 1882.
5 miles.—35.10, J. W. Raby, England, August 20, 1883; 36.08, John Meagher, New York, November 29, 1882.
10 miles.—1.14.45, J. W. Raby, England, December 3, 1883; 1.17.40¾, E. E. Merrill (amateur), Boston, Mass., October 5, 1880.
15 miles.—1.55.56, J. W. Raby, England, December 3, 1883.
20 miles.—2.39.57, W. Perkins, England, July 16, 1877.
25 miles.—3.35.14, W. Franks, England, August 28, 1882.
50 miles.—7.57.44, William Howes, England, March 30, 1878.
100 miles.—18.53.40, Daniel O'Leary, Chicago, Ill., October 16, 1875.
150 miles.—30.36.28, George Littlewood, England, March, 1882.
200 miles.—40.46.30, George Littlewood, England, March, 1882.
400 miles.—96.51.03, George Littlewood, England, March, 1882.
500 miles.—130.34.50, George Littlewood, Sheffield, England, March 7 to 11, 1882.
1 hour.—8 miles, 302 yards, John Meagher, New York, November 29, 1882.
24 hours.—127 miles, 1210 yards, Wm. Howes, London, Eng., February 23, 1878.
139½ hours.—531 miles, 677 yards, George Littlewood, Sheffield, Eng., March 6 to 11, 1882.
6000 quarter-miles in as many consecutive periods of 10 minutes each, W. Gale, New York, June 28 to August 8, 1881.
122 miles.—25.58, greatest distance walked without rest, Charles Harriman, North Bloomfield, Cal., September, 1883.

JUMPING.

Running Long Jump.—29 ft. 7 in., John Howard, with 5 lb. dumb-bells, England, 1854. 23 ft. 8¾ in., Charles Biggar, with weights, Canada, 1879. Without weights, 23 ft. 2 in., Patrick Davin (amateur), Portarlington, Ireland, September 13, 1883.

Standing Long Jump.—With weights, 14 ft. 5½ in., G. W. Hamilton, Romeo, Mich., October 3, 1879; 12 ft. 9½ in., Louis Helwig (amateur), New York, November 21, 1884. Without weights, 10 ft. 10½ in., H. M. Johnson (professional), New York, September 4, 1884; 10 ft. 7¾ in., M. W. Ford (amateur), St. Louis, Mo., November 27, 1884.

Running High Jump.—6 ft. 2¾ in., without weights, P. Davin (amateur), Ireland, July 5, 1880; 6 ft. 2½ in., M. J. Brooks (amateur), England, 1876; 5 ft. 11 in., E. W. Johnston, Canada, July 1, 1879; 5 ft. 10 in., W. B. Page (amateur), Pittsburg, Pa., April 26, 1885.

Standing High Jump.—5 ft. 3 in., E. W. Johnston, Baltimore, Md., May 27, 1878; 5 ft. 1¼ in., W. Soren (amateur), New York, May 29, 1880.

Three Standing Jumps.—39 ft. 1 in., G. W. Hamilton, Lancashire, Eng., November 27, 1880; 34 ft. 4½ in., M. W. Ford (amateur), New York, April 10, 1885.

Running Hop, Step and Jump.—48 ft. 2 in., John Blair, Barrie, Ont., May 24, 1881; 47 ft. 7 in., R. Knox, Scotland, August 1870.

Standing Hop, Step and Jump.—40 ft. 2 in., D. Anderson, England, July 24, 1865.

Pole Vaulting for Height.—11 ft. 4½ in., T. Ray (amateur), Preston, Eng., August 18, 1883; 11 ft. ½ in., H. H. Baxter, New York, June 2, 1883. For distance, 22 ft. 1½ in., J. V. Witherbee, Canton, N. Y., May 23, 1879.

Run, 15 Hops and Jump.—180 ft. 10 in., W. Hall, Aldham, England, January 31, 1880.

Running Hitch and Kick.—8 ft. 5 in., G. G. Hendrickson (amateur), Princeton, N. J., June 21, 1873.

Running High Kick.—9 ft. 2 in., O. D. Thompson (amateur), New Haven, Ct., March 1, 1879; and E. C. Purcells, St. Louis, Mo., September 30, 1878.

MISCELLANEOUS.

American Bicycle Records.—¼ mile.—.35 1-5, William A. Rowe (amateur), Springfield, Mass., November 5, 1885.
½ mile.—1.12 4-5, W. A. Rowe (amateur), Springfield, Mass., October 17, 1885.
¾ mile.—1.52 2-5, Richard Howell (professional), Springfield, Mass., September 8, 1885; 1.55 1-5, W. A. Rowe (amateur), Springfield, Mass., October 26, 1885.
1 mile.—2.35 2-5, Richard Howell (professional), Springfield, Mass., September 21, 1885; and W. A. Rowe (amateur), Springfield, Mass., October 23, 1885.

2 miles.—5.21 3-5; 3 miles.—8.07 2-5, W. A. Rowe (amateur), Springfield, Mass., October 23, 1885.
4 miles.—11.11 4-5; 5 miles.—14.07 2-5; 6 miles.—16.55 3-5; 7 miles.—19.47 2-5; 8 miles.—22.41 4-5; 9 miles.—25.41 4-5; 10 miles.—28.37 4-5; 15 miles.—43.26¼; 20 miles.—58.20; William A. Rowe (amateur), Springfield, Mass., October 19, 1885.
25 miles.—1.15.33 2-5, W. M. Woodside (professional), Springfield, Mass., October 27, 1885; 1.19.06 3-5, F. F. Ives (amateur), Springfield, Mass., October 9, 1885.
50 miles.—2.53.54, John S. Prince (professional), St. Louis, Mo., November 14, 1885; W. M. Woodside (professional), Springfield, Mass., 1884; 3.03.30, F. F. Ives (amateur), Springfield, Mass., October 10, 1885.
100 miles—6.25.30, F. F. Ives (amateur), Springfield, Mass., October 10, 1885.
1 hour.—20 miles, 3036 ft. 4 in., W. A. Rowe (amateur), Springfield, Mass., October 19, 1885; 20 miles, 285 yards, W. M. Woodside (professional), Springfield, Mass., October 27, 1885.
Riding without hands.—¼ mile.—43¾; ½ mile.—1.25 3-5; ¾ mile.—2.10 2-5; 1 mile.—2.58 4-5; 2 miles.—6.09 3-5; A. O. McGarrett, Springfield, Mass., October 17, 1885.
24-hour road record.—255¼ miles, A. A. McCurdy, Boston, Mass., October 24 and 25, 1885.
100-mile road record.—7.52, A. A. McCurdy, near Boston, Mass., November 16, 1885.

SAFETY BICYCLE.—¼ mile.—.43; ½ mile.—1.22; ¾ mile.—2.01 3-5; 1 mile.—2.43; Richard Howell (professional), Springfield, Mass., September 25, 1885.
2 miles.—5.56 4-5; 3 miles.—9.11; 4 miles.—12.32; 5 miles.—15.36 3-5; Richard Howell (professional), Springfield, Mass., September 8, 1885.

TRICYCLE.—¼ mile.—.40; ½ mile.—1.21 4-5, George M. Hendee (amateur), Springfield, Mass., November 6.
¾ mile.—2.13 3-5; 1 mile.—2.53 4-5, Robert Cripps, Springfield, Mass., 1885.
2 miles.—6.03 4-5; 3 miles.—9.08 1-5; 4 miles.—12.15 1-5; 5 miles.—15.18 3-5; Percy Turnival, Springfield, Mass., 1885.

TRICYCLE TANDEM.—¼ mile.—.44 4-5; ½ mile.—1.26; ¾ mile.—2.05 1-5; 1 mile.—2.46; 2 miles.—5.34 4-5; 3 miles.—8.23 2-5; 4 miles.—11.30; 5 miles.—14.22 3-5; R. H. English and Robert Cripps, Springfield, Mass., 1885.

BILLIARDS.—Three-ball caroms, 1531 points run, M. Vignaux, 4000 points game (800 points per night), against G. F. Slosson, who ran 1103, Cremorne Hall, Paris, France, April 10-14, 1880.—Highest in America, 804, Edward McLaughlin, match of 1000 points, Philadelphia, December 12, 1883.—Four-ball game, 1483 points run, in game of 1500 points, John McDevitt, New York, January 8, 1868.—Champion's game, three-ball caroms, 398 points run, in game of 3000 points (600 per night), George Slosson, Grand Hotel, Paris, France, January 30, February 3, 1882; second highest, 394 points, by M. Vignaux, in same game.

FOOT-BALL.—17 goals to 0, Nottingham Foresters in a match, Derbyshire, England, March 30, 1881.

RIFLE SHOOTING.—Off-hand, at 200 yards, 50 out of a possible 50, W. M. Farrow, Creedmoor, L. I., October 22, 1879, and Boston, Mass., January 24, 1880; J. S. Summer, Boston, February 28, 1880; 75 out of a possible 75, Dr. W. F. Wilcox, Catskill, N. Y., May 3, 1882; 100 out of a possible 100, W. M. Farrow, Boston, Mass., October 15, 1882, and H. G. Bixby, Boston, April 6, 1880; 457 out of a possible 500, military rifles, Fred Kuhnle, San Francisco, Cal., December 24, 1882, and again March 4, 1883. Reclining; 1000 yards; 75 out of a possible 75, W. H. Jackson, Boston, Mass., August 13, 1879; J. K. Milner, Irish team, Creedmoor, L. I., September 14, 1876; C. H. Laird, Washington, D. C., October 18, 1879, and others; 145 out of a possible 150, W. M. Farrow, Creedmoor, L. I., September 17, 1880; 224 out of a possible 225, at 800, 900 and 1000 yards, 15 shots at each distance, William Gerrick, Boston, Mass., September 15, 1880; W. C. Gregory, Boston, August 24, 1881; C. M. Bell, Chicago, Ill., October 1, 1881; 3334 points out of a possible 3600, American team against British team for Centennial Trophy, eight men, 800, 900, 1000 yards, 30 shots at each distance, Creedmoor, L. I., September 13, 14, 1877.

PIGEON SHOOTING.—100 single birds (tame doves) in succession, A. H. Bogardus, Chicago, Ill., 1869.—99 out of 100 (pigeons), 30 yards rise, from 5 traps, A. H. Bogardus, Brighton Beach, N. Y., July 2, 1880.

PIGEON FLYING.—1000 miles in 100 hours, two birds, Lisbon, Portugal, to Belgium, Aug. 5-9, 1881.—Longest fly in America, 1031 miles, Montgomery, Ala., to Fall River, Mass. Bird released at 8.15 A.M. Aug. 22, arrived at 9.12 A.M. Sept. 12, 1885; owned by Samuel Hunt, of Fall River.—One-day record for young birds, 380½ miles, 9 h. 20 m. Greensboro, N. C., to Philadelphia, Quaker City and Germantown Homing Pigeon Clubs, Oct. 5, 1885.

SKATING.—100 yards straight away, 10 3-8 sec.; 200 yards straight away, 21⅝ sec., G. D. Phillips (amateur), New York, January 27, 1883; 440 yards straight away, 42½ sec., G. D. Phillips (amateur), Cortlandt Lake, N. Y., January 13, 1884; 880 yards straight away, 1 min. 30 sec., G. D. Phillips (amateur), New York, January 6, 1884; 1 mile straight away, 1 min. 56 sec., said to have been made by Wm. Clarke, Madison, Wis., 1878; 3 min., "Fish" Smart (professional), Lincolnshire, Eng., January 20, 1881. On a six-lap track.—1 mile, 3 min. 9¼ sec., Hugh J. McCormick, Hoboken, N. J., February 23, 1885. On a four-lap track.—1 mile, 3 min. 26 2-5 sec.; 2 miles, 6 min. 56 1-5 sec.; 3 miles, 10 min. 32 2-5 sec.; 4 miles, 14 min. 13 1-5 sec.; 5 miles, 17 min. 56 2-5 sec.; 6 miles, 21 min. 38 sec.; 7 miles, 25 min. 17 4-5 sec.; 8 miles, 29 min. 9 4-5 sec.; 9 miles, 32 min. 54 1-5 sec.; 10 miles, 36 min. 37 1-5 sec.; 15 miles, 55 min. 9 sec.; 20 miles, 1 hr. 14 min. 7 1-5 sec.; 25 miles, 1 hr. 33 min. 28 2-5 sec.: Alex. Paulsen (amateur), Washington Park, Brooklyn, N. Y., February 2, 1884. He skated 16 miles, 590 yards, in one hour.

ROLLER SKATING.—1091 miles 660 yards, in six days; actual skating time, 117h. 6m.: W. Donovan, New York, March 1 to 7, 1885.

RAILROADS.—April 22, 1882, Engine No. 22, of the West Jersey Railroad, drew three heavy coaches and 124 newspaper excursionists from Camden to Cape May, a distance of 81.5 miles, in 83 minutes 30 seconds; the 76.1 miles between Westville and Cape May were covered in 76 minutes; the 61.1 miles between Woodbury and Cape May Court House were gone over in 60 minutes; the 16½ miles between Glassboro and Vineland were run in 14 minutes, and the 4 1-5 miles from Newfield to Vineland were passed in 3 minutes, or at the rate of one mile in each 43 seconds.

SWIMMING. — 100 yards, two turns, 1.08½, T. E. Jones, London, England, Oct. 21, 1878. —200 yards, straight, 2.17, F. S. Campbell (amateur), Detroit River, Mich., August 14, 1877. — 400 yards, 19 turns, 5.36, J. Finney, London, England, December 19, 1883.—1 mile, forty-three turns, 27.03.30, J. J. Collier, Lambeth Bath, London, England, October 23, 1885.—Open water, 28.42 2-5, J. B. Johnson, Hendon Lake, June 22, 1872.—35 miles (about), 21.45.00, Capt. Matthew Webb, across the English Channel, Dover, England, to Calais, France, August 24-25, 1875.

HEAVY-WEIGHT PERFORMANCES.—Throwing 16-pound hammer, with a run, 138 feet 3 inches, G. H. Hales (amateur), England, April 7, 1876.—Throwing 16-pound hammer, standing, 96 feet 1½ inches, C. A. J. Queckberner, New York, October 4, 1884. —Putting 56-pound shot, 21 feet 9 inches, J. Maxwell, Ireland, October 4, 1883.—Throwing 56-pound weight, 26 feet 3½ inches, C. A. J. Queckberner, New York, September, 1884.

GLASS-BALL SHOOTING.—300 balls in succession, using shotgun, A. H. Bogardus, Lincoln, Ill., July 4, 1877.—500 out of 514 shot at, two traps 12 feet apart, 14 yards rise, 24 minutes 2 seconds, J. C. Haskell, Lynn, Mass., May 30, 1881.—500 out of 535 in 25 minutes 15 seconds; 1000 in 1 hour 1 minute 54 seconds; 990 out of 1000, with shotgun, 14 yards rise; 5500 in 7 hours 19 minutes 2 seconds, with shotgun, Captain A. H. Bogardus. —5500 out of 6222 shot at, in 7 hours 30 minutes 30 seconds, W. F. Carver, with Winchester repeating rifles, Brooklyn, L. I., July 13, 1878.—Breaking 60,000 glass balls in six days, Dr. W. F. Carver, New Haven, Conn., January 12 to 17, 1885.—Score, 64,881 shots; 60,016 hits; 4865 misses.

LIFTING.—By hand, without the use of straps, 1442½ pounds, D. L. Dowd, Springfield, Mass., March 27, 1883.—With harness, 3239 pounds, W. B. Curtis, New York, December 20, 1868.

SWIMMING UNDER WATER.—133 yards, 1 foot, James Finney, Blakpool, England, October 20, 1882.

STAYING UNDER WATER.—4.02¾, Peter Johnson, tank, Royal Music Hall, London, England, April 6, 1882.

PRIZE RING.—First ring fight in America, Jacob Hyer and Thos. Beasley, 1816.—Longest battle on record, 6 hours 15 minutes, James Kelly and Jonathan Smith, Australia, 1855.—Longest glove-fight, 5 hours 3 minutes (76 rounds), John Welch and William Sheriff, Philadelphia, April 10, 1884.—Shortest glove-fight, 56 seconds, Dominick F. McCaffrey and John Stewart, Boston, Mass., July 23, 1883.

GAME LAWS.

PENNSYLVANIA.

BIRDS.	*Open Season.*		
Turkeys	Oct.	15 to Jan.	1.
Ducks	Sept.	1 to May	1.
Plover	July	15 to Jan.	1.
Woodcock	July	4 to Jan.	1.
Quail	Oct.	15 to Jan.	1.
Ruffed Grouse or Pheasant	Oct.	10 to Jan.	1.
Rail and Reed Birds	Sept.	1 to Dec.	1.
ANIMALS.			
Elk and Deer	Oct.	1 to Jan.	1.
Squirrels	Sept.	1 to Jan.	1.
Hares and Rabbits	Nov.	1 to Jan.	1.
FISH.			
Salmon or Speckled Trout	May	1 to July	15.
Lake Trout	Oct.	1 to Jan.	1.
Black Bass, Pike and Pickerel	June	1 to Jan.	1.

Penalties for infringements, $5 to $50.

PIKE COUNTY.

ANIMALS.			
Deer	Oct.	1 to Dec.	1.
Gray Rabbit	Oct.	15 to Dec.	16.
Gray or Black Squirrels	Sept.	1 to Dec.	16.
BIRDS.			
Quail	Oct.	15 to Dec.	1.
Ruffed Grouse	Sept.	15 to Dec.	16.
Woodcock	July	4 to Dec.	16.
Wood or Common Duck	Oct.	1 to Jan.	1.

NEW JERSEY.

BIRDS.	*Open Season.*		
Quail and Ruffed Grouse or Pheasant	Nov.	1 to Jan.	1.
Woodcock	July and Oct.	1 to Dec.	16.
Rail	Sept.	1 to Dec.	1.
Upland Plover	Aug.	1 to Jan.	1.
Prairie Chicken	Oct.	15 to Dec.	1.
Summer or Wood Duck	Sept.	1 to Jan.	1.
Reed Birds	Aug.	25 to Dec.	1.
ANIMALS.			
Deer	Oct.	15 to Dec.	1.
Rabbit	Nov.	1 to Jan.	1.
Gray and Fox Squirrels	Sept.	1 to Jan.	1.
Black Squirrels	Sept.	1 to June	1.
FISH.			
Salmon & Brook Trout	Mch.	1 to Oct.	1.
Black Bass	June	1 to Nov.	1.
Pike and Pickerel	May	1 to Mch.	1.

Penalties for infringement, $5 to $50.

DELAWARE.

BIRDS AND ANIMALS (QUAIL, PHEASANT AND RABBIT).

New Castle County	Nov.	15 to Jan.	1.
Kent & Sussex Counties	Nov.	15 to Jan.	15.
Woodcock	July	1 to Jan.	1.
Rail and Reed Birds	Sept.	1 to July	1.

Penalties for infringements, $1 to $5.

In all States there is a penalty of from $5 to $50 for killing any insectivorous or song bird.

GENERAL AND LOCAL EVENTS.

DECEMBER, 1884.

1.—Opening of second session of Forty-eighth Congress.

2.—Howard Sullivan hanged at Salem, N. J., for murder of Ella Watson.

4.—Governor Cleveland attends Actors' Fund benefit in New York.—Death at New York of Francis D. Moulton.—Suicide at Philadelphia of Thornton Wolfinger.

5.—Two men killed by blowing off of boiler-top at Belmont Refinery, Philadelphia.—Franchise bill passed in British House of Lords.

6.—Lock-out of 5000 Philadelphia shoemakers by manufacturers.—Terrific wind and rain storm in Philadelphia; telegraphic communication cut off and property damaged.—Death of Donald Harold, actor.

8.—U. S. Supreme Court sustains legality of Chinese Immigration Act.—Annual meeting of Philadelphia Union League Club.—Oil struck at Cullom's Springs, Alabama.

10.—Centennial conference of Methodists begins at Baltimore.—Burning of Clark's cabinet factory, Levant Street, Philadelphia.

12.—Twenty-seven oystermen drowned in a storm on the Rappahannock River.

13.—Attempt to blow up London Bridge with dynamite.—Work-shops of Philadelphia Traction Company damaged $50,000 by fire.

14.—Attempted suicide at Philadelphia of August Kramer.—Reception to Henry Irving at Journalists' Club.

15.—Shut-down of Edgar Thomson steel-works, at Braddocks, Pa.

16.—Opening of the New Orleans Exposition.—Suspension of Boyer & Rex, wholesale cloths, Philadelphia.

18.—Burning of Catholic Orphan Asylum at Brooklyn, N. Y.; twenty lives lost.

20.—Shoemakers' lock-out at Philadelphia ended.—Dupont statue unveiled at Washington.

21.—Natural gas explosions at Pittsburg.—Traverse, Dakota, attacked by a mob of 150 armed men.

23.—Burning of Harrigan & Hart's New York Theatre Comique.—Philadelphia Councils vote to send the Liberty Bell to the New Orleans Exposition.

24.—Burning of Masonic Temple, Cincinnati.

26.—Earthquake shocks in Spain; 626 persons killed in provinces of Malaga and Granada.

28.—Suicide in Philadelphia of Adelbert Heirneis.

29.—Sudden death of William Lorenz, Chief Engineer of Reading Railroad.—Navigation on the Delaware stopped by fog.

30.—Town of Pierre, Dak., destroyed by fire.—Bold daylight jewelry-store robbery at Lancaster Avenue and Baring Street, Philadelphia.

JANUARY, 1885.

1.—Mrs. William Schmitz, of Philadelphia, fatally shot by a "New Year's shooter."

2.—Dynamite explosion on underground railroad in London.—Earthquake shocks destroy Alhama, Spain.

4.—Archbishop Ryan invested with the pallium at St. Peter's Cathedral, Philadelphia.

5.—Philadelphia city officers sworn in.

6.—Governor Cleveland, of New York, resigns his office.—End of "shut-down" in oil region operations.

7.—Pennsylvania Legislature organizes, and adjourns for one week.

8.—Reagan inter-State commerce bill passed by U. S. House of Representatives.—Mme. Clovis-Hugues acquitted at Paris of the murder of M. Morin.

9.—Death at New Orleans of Mrs. Myra Clark Gaines, aged 81.—Attempted assassination of Thomas Phelan in O'Donovan Rossa's New York office.

10.—Philadelphia Traction cars run on Columbia Avenue.—Daily New York *Star* suspends publication.

11.—Cyclone passes through Alabama and Georgia.—Andrew Kane shot at 810 South Street, Philadelphia, by his brother, James Kane.

12.—Reading Railroad annual election.—Sullivan-Greenfield sparring match at Boston.

13.—Rioting at South Bend, Ind., by striking Poles.—Sudden death at Mankota, Dak., of Schuyler Colfax.

14.—Riotous demonstrations in weaving districts of Philadelphia.

16.—Col. Fred. Burnaby killed in battle at Metemneh, Lower Egypt.

18.—Eighteen insane patients burned alive at destruction of hospital, Kankakee, Ill.

20.—Villages in Savoy and Piedmont devastated by avalanches.

21.—J. Donald Cameron re-elected United States Senator from Pennsylvania.—William M. Evarts elected United States Senator from New York.

22.—Liberty Bell starts for New Orleans.

24.—Explosion of dynamite in Houses of Parliament and Tower of London, 2 P.M.

27.—Khartoum captured and General Gordon killed by El Mahdi.

29.—Nicaraguan treaty rejected by United States Senate.—$1400 benefit to Journalists' Club at Haverly's Theatre, Philadelphia.

30.—Fast express on Bound Brook line wrecked at Greenville, N. J.; twenty-five persons injured.

31.—Three explosions at Pittsburg of natural gas; many injured.

FEBRUARY, 1885.

1.—Store front of Garry Bros., New York, demolished by dynamite.—Henry Thompson, aged 16, accidentally shot in Philadelphia by Fred. Crowthers.

2.—O'Donovan Rossa shot in New York, on Chambers Street, by Yseulte Dudley.—Strike of weavers at Schofield's mills, Manayunk.

4.—Centennial anniversary of Philadelphia Society for Promoting Agriculture.

6.—G. M. Todd, clerk of Philadelphia Provident Life and Trust Company, arrested for embezzling $100,000.

7.—Railway collision, causing $500,000 fire, at New Brunswick, N. J.

9.—Citizens' Law and Order League of Pennsylvania organized in Philadelphia.

10.—Fifteen men killed in coal-mine explosion at Westville, Nova Scotia.

12.—Insane Department of Blockley Almshouse burned; eighteen patients lose their lives.—Execution at Philadelphia of Richard Treuke, murderer of Mrs. Augusta Zimm.

13.—Alta, Utah, buried by a snowslide; thirty killed,

14.—James Kane, fratricide, sentenced to death at Philadelphia,

15.—Death at New York of Dr. Leopold Damrosch, musician; at Philadelphia, of Francis A. Drexel, banker.

17.—Local election in Philadelphia.

19.—$450,000 fire at 125 Chestnut Street, Philadelphia; one man killed, six injured.

21.—Burning of Philadelphia residence of J. A. King, 1539 Pine Street; five killed and three injured.—Dedication of Washington monument.

25.—Communication received from President elect Cleveland on silver question by Congressman A. J. Warner, of Ohio.—Rioting among weavers at Kensington, Philadelphia.

27.—Burning of National Theatre at Washington.—Rioting among weavers at Manayunk, Philadelphia.—Vote of censure against Gladstone rejected in House of Commons.

MARCH, 1885.

2.—President-elect Cleveland starts for Washington.—Spiritualist exhibition stopped at Horticultural Hall, and manager arrested.

3.—Firedamp explosion at Sunderland, England; 36 miners suffocated.—Mysterious explosion at 1118 South Street, Philadelphia.

4.—Inauguration of President Cleveland at Washington.—General Grant placed on retired list of the army.

5.—Execution in Philadelphia of Dr. Albert G. F. Goerson.

6.—Address issued by National Party to the American public.—Death at Philadelphia of T. S. Arthur, author and publisher.—Colliery explosion at Karwin, Austrian Silesia; 123 men killed.

9.—Ex-Representative A. H. White, of Philadelphia, attempts suicide.—Outbreak of Asiatic cholera in Java.—Death at Philadelphia of Prof. Ellerslie Wallace, of Jefferson Medical College.

10.—Annual meeting of Pennsylvania Railroad stockholders.

11.—Issue suspended of land-grant warrants to "Backbone" railroad.—San Salvador declares war against Guatemala.—James Ritchie smothered by coal-gas at 1624 American Street, Philadelphia,

12.—Ladner Brothers convicted of larceny as bailee at Philadelphia.

13.—Infernal machine sent to a Philadelphia Almshouse nurse.

17.—Charles Briggs executed at Philadelphia.—Firedamp explosion at Camphausen, Prussia, entombs 166 persons.—Death at Philadelphia, of Audubon Davis, journalist.

20.—Burning of Oriental Hotel at Seattle, Washington Territory; two persons killed.—Mlle. Marie Van Zandt hissed by a claque at the Opera Comique, Paris.

21.—Fire in the Capitol building at Trenton, New Jersey.

24.—Strike of Philadelphia stevedores against a reduction of wages.—Suicide of William Shields, newly-appointed postmaster at West Chester, Pa.—Death at Memphis, Tenn., of Jacob Thompson, Secretary of Interior under President Buchanan.

25.—Breaking out in Northwest Canada of Riel's second rebellion.—Burning of Music Hall and St. Louis Church, Buffalo; one fireman killed.—French forces repulsed by Chinese, in Tonquin.

26.—Death in Philadelphia of John Hanna, lawyer.

27.—Mine explosions at Troppau (Austria) Ostrau (Moravia), and Lebu (Chili), destroy 127 lives.

28.—Hanlan defeated by Beach in sculling race, three miles, on Paramatta River, Australia.

30.—Resignation of the French Ministry.—Beginning of Hebrew Passover festival.—Russia begins war against Afghans, on Kushk River.

31.—M. de Freycinct forms a new Ministry at Paris.—Philadelphia Councils request Chief Engineer Ludlow to cease agitating the question of better water supply.

APRIL, 1885.

1.—Unfavorable change in General Grant's symptoms.—Aspinwall burned by insurgents to escape capture.—Six men burned at Powers & Weightman's, Philadelphia, by ether explosions.—Death in Philadelphia of ex-Alderman James McColgan.

2.—Sullivan-McCaffrey match at Industrial Hall prohibited by Judge Fell.—Death of Franz Abt, musical composer; of Earl Cairns, at Bournemouth, England.

4.—Ladner Brothers sentenced to three years and three months imprisonment.—President Barrios, of Gautemala, killed in battle with San Salvador at Chalchuapa.

6.—Ten men buried by fall of a coal-mine at Raven Run, Pa.—Philadelphia Councils reorganized.

8.—Meeting at Industrial Hall, Philadelphia, in opposition to Bullitt charter.

11.—James D. Fish, president of Marine Bank of New York, convicted of embezzlement.

13.—Fall of Buddensiek's tenement houses in New York City.

14.—Death at Cape May of ex-State Treasurer William V. McGrath.

15.—Arbor Day in Pennsylvania.—Treaty of Peace signed by Central American Republics.—Death at Philadelphia of Major Ide, First Regiment National Guards of Pennsylvania.

17.—End of strike of Kensington carpet weavers and loom fixers.—Manager S. F. Nixon, of Philadelphia, fined $500 for giving theatrical exhibition without license.

18.—Blacklisted ball-players reinstated by National League.—Suicide at Wilkesbarre, by laudanum, of Rabbi David Stern.

19.—Death at New York of Dan Mace, horse trainer and driver, aged 51.—Suicide, by hanging, of William Cook, builder, of Philadelphia.

20.—Renewal of Philadelphia carpet weavers' strike.

21.—Town of Wischnitz, Austrian Galicia, burned; 150 houses destroyed.—British army reserves called out.

22.—C. N. Jordan, of New York, appointed United States Treasurer.—Pullman car-works burned. Forty-first and Pennsylvania Railroad.—W. H. Knight shot by Annie Cutler, Philadelphia.

24.—Engagement between Canadian troops and Riel's forces at Fish Creek.

26.—Malthouse burned of Continental Brewing Company of Philadelphia.

27.—British Parliament votes a war credit of $11,000,000.—Nine firemen buried by falling walls, at Pittsburg.

29.—Death at Philadelphia of James Reese ("Colley Cibber"), aged 84.

30.—Mysterious explosion and fire at 2311 North Second Street, Philadelphia.

MAY, 1885.

1.—Death at New York of Commodore C. K. Garrison.—Professor Sumner lectures at University of Pennsylvania on free trade.

2.—Fight on Chief Poundmaker's reserve between Riel's Indians and Canadian troops. —Striking stonecutters at Lamont, Illinois, suppressed by military force.

3.—Explosion of boiler of Tremont House at Galveston, Tex.; four killed.

4.—President Cleveland visits Gettysburg. —Death at New York of Commodore Vanderbilt's widow, aged 46.

5.—Collapse and destruction by fire of Brooklyn Flint Glass Works; many lives lost. —Death at San Francisco of Brig. Gen. Irwin McDowell.—Arrest at Auckland, N. Z., of Walter L. Maxwell, charged with murder of Charles Preller, at St. Louis, on April 5.

7.—Reunion at Baltimore of Army of the Potomac.

8.—G. G. Guedra, a Cuban, shoots himself in Philadelphia Post-Office building.

9.—Battle of Batoches' Crossing between Riel's forces and Canada troops; Riel routed.

11.—Duty of three marks on rye and wheat approved by German Reichstag.

12.—Anti-Discrimination bill defeated in Pennsylvania House of Representatives.—Reception to Vice President Hendricks in Philadelphia.

13.—Riot in London around Nelson Monument, Trafalgar Square.

14.—Daniel E. Stanton, charged with murder of Fred. P. Nash, surrenders to Mayor Smith, of Philadelphia.—Nitro-glycerine factory at Somerset, Pa., blown to atoms.

15.—Rebellion in Northwest Canada ended by defeat of rebels and capture of Louis D. Riel. — New version of the Old Testament given to the public at London.

17.—Death at Philadelphia of ex-Councilman James Logan, of Charley Ross fame.

18.—Cunningham and Burton, dynamiters, sentenced at London to penal servitude for life for causing Tower of London explosion. —Sergeant Crowley, assailant of Maggie Morris, sentenced at New York city to 17½ years imprisonment.

19.—Robert E. Odlum killed in an attempt to jump off Brooklyn Bridge. — John A. Logan chosen U. S. Senator from Illinois.

20.—Death at Newark, N. J., of ex Secretary of State, F. T. Frelinghuysen.

21. — Eighteen lives lost in a fire at 19 Sixth Street, Cincinnati.

22.—Death of Victor Hugo, at Paris.

27.—Fall of a tenement at Jersey City; four persons crushed to death, and many injured. —Strike of blanket weavers at Dobson's Mills.—Severe cyclones in Kansas.

28.—Burning of furniture warerooms, Second and Market Streets, Philadelphia; Mary Cathcart killed by falling walls.—Celebration at Philadelphia Academy of Music of 105th anniversary of birth of Tom Moore, Ireland's poet.

29.—Failure of Shackamaxon Bank, Philadelphia. — A. Louden Snowden resigns as Superintendent of Philadelphia Mint.

30.—Observance of Decoration Day by processions in Philadelphia.

31.—City of Serinagur, East India, destroyed by an earthquake; fifty killed and hundreds injured.

JUNE, 1885.

1. — Philadelphia Water Loan bill vetoed by Gov. Pattison; Bullitt Reform Charter approved.—Obsequies of Victor Hugo at Paris.

3.—English Derby won by Melton, ridden by Archer.—Frank Barbero stabbed at 2318 Market Street, Philadelphia, by Simon Calley. Coal mine explosion at Durham, Eng.

4.—High License bill defeated in Pennsylvania Legislature. — Death in Philadelphia of Carl Sentz, musician.—Thos. J. Cluverius convicted at Richmond, Va., of murder of Lilian Madison.

7.—Earthquake shocks continue in Vale of Cashmere; whole villages engulfed; over 400 killed, and the people frantic with fear.

8.—Town meeting at Philadelphia Academy of Music in favor of admission to the city of the Baltimore and Ohio Railroad.

9.—Gladstone Ministry defeated in the House of Commons at London.—Dubuque, Ia., swept by a cyclone.—Daniel M. Fox appointed Superintendent of Philadelphia Mint from July 1.—Treaty of peace signed at Tien-Tsin between France and China.

11.—Philadelphia Councils fix January 1, 1886, as date for removing of overhead telegraph wires.—Congressional apportionment veto sustained in Pennsylvania House of Representatives.—Fall of a stairway, at Thiers, France, kills 24 persons and wounds 163.

12.—Adjournment of Pennsylvania Legislature.—Gladstone's resignation accepted by Queen Victoria, and Lord Salisbury summoned to form a new Ministry.

15.—Death of Prince Frederick Charles, of Germany, at Potsdam.—John Cooper, defaulting treasurer of Decatur Building Association of Philadelphia, sentenced to five years imprisonment.

16.—End of great iron strike in the Pittsburg district.—General Grant taken to Mount MacGregor. — Recurrence of earthquake shocks in Cashmere, 3081 persons in all perished, 70,000 houses destroyed, and 38,000 animals.—Outbreak of cholera in Spain attains alarming proportions. — End of Vice-President Hendricks' visit to Philadelphia.

17.—Return of Liberty Bell to Philadelphia from New Orleans.

19. — Loss off South American coast of steamer Italia; 69 persons lost out of 138 on board.

21.—Free sacred concerts begun in Fairmount Park.—Riot at Madrid; soldiers stoned and mob fired upon.

22.—Cyclones in Missouri and Dakota.—Austria refuses to receive U. S. Minister Keiley.

23.—New English Ministry formed by Marquis of Salisbury.—General W. H. H. Davis appointed U. S. Pension Agent at Philadelphia.

24.—East-Side Railroad ordinances passed by Philadelphia Select Council. — Counterfeiters captured at 1914 Garrett Street, Philadelphia.

25. — Wm. Carter fatally shot at Grays' Ferry Bridge, Philadelphia, by John Burke.

26.—Death at Philadelphia of Jas. S. McCalla, publisher. — Wreck at Yokohama harbor of steamship City of Tokio.

27.—Annual regatta of Schuylkill Navy. — Chief Clerk Shelmire of Pension Office dismissed.—James B. Kimball appointed Director of the Mint. — Independent companies of soldiers encamp in Fairmount Park. — John McCullough, tragedian, taken to Bloomingdale Insane Asylum.

29.—Philadelphia Common Council passes ordinance admitting East-Side Railroad.

30.—Yseulte Dudley acquitted of shooting O'Donovan Rossa on ground of insanity.

JULY, 1885.

1.—Strike of Chicago street car employes; rioting begun. — Snow falls in Tazewell County, Va.

2.—J. Spencer Smith, ex-Gas Trust clerk, sentenced to four years imprisonment for embezzlement. — Twenty villages in Austria ignited by lightning and burned; six lives lost.

4.—End of National Military Encampment at Fairmount Park.

5.—Kate Daly, of 428 South Street, Philadelphia, shot by her husband Frank Daly.—Death at Philadelphia of Chief Engineer John Q. A. Ziegler, U. S. N.

6.—Bradlaugh refused permission to take the oath in English House of Commons.

7.—Four houses struck by lightning in Philadelphia.—James Kane, fratricide, executed in Philadelphia. — Fred. Gerker appointed Collector of Internal Revenue for Philadelphia district.

8.—M. S. Quay nominated for State Treasurer by Pennsylvania Republican Convention. — *Pall Mall Gazette* exposures of London secret vice begun.

9.—Fairmount Rowing Association wins the Sharpless cup in race over the National Course.—Cyclones in Iowa, Wisconsin and Minnesota.—Suicide of Carrie Evans, at 1203 Deacon Street, Philadelphia.

11.—Attorney-General Garland decides that Secretary Whitney cannot accept the Dolphin on the report of the Examining Commission.—Mrs. P. K. Heller, of 1495 Ontario Street, Philadelphia, choked to insensibility, and robbed of $1100. Abduction of Laura Claxton, aged 3 years, from Philadelphia.

13.—Orange riots at Waterford, Ireland.—Publication of Vanderbilt's negotiations with Pennsylvania Railroad for transfer of South Pennsylvania.

14.—Fall of boiler house of Star Mills, Howard and Jefferson Streets, Philadelphia; one man killed, and six injured.—Annual Photographers' convention meets at Buffalo, N. Y.

15.—Dye and Print Works of James Martin & Co., Philadelphia, destroyed by fire.—International Reservation at Niagara Falls formally opened.

16.—Joseph Taylor executed at Philadelphia for murder of Michael Doran.—Washington *Post* building destroyed by fire.

18.—Reception of thirty-six visiting Mexican journalists in Philadelphia.—Failure of John Roach, shipbuilder.—Death at New York of Dr. S. Irenaeus Prime, of New York *Observer*.—Four deaths from sunstroke in Philadelphia.—Train derailed on West Jersey Railroad; heroic action and death of Engineer George E. Murphy.

20.—Publication of reported closing of the South Pennsylvania and Beech Creek Railroad deal.—Gandaur defeats Teemer in three-mile scull race at Pittsburg; time, 19m. 32sec. —Kidnapper of Laura Claxton arrested at Chester, Pa.

22.—Body of Mary J. McLaughlin found floating in Delaware River at Ridgway Park. —Edward Martz shot and killed at 2025 Franklin Street by William Battersby.—Forest fires in South Jersey.

23.—Marriage of Princess Beatrice, of England, and Prince Henry, of Battenberg.—Death at Mount MacGregor of General U. S. Grant, at 8.08 A.M.

24.—South Pennsylvania and Beech Creek Railroad deal consummated.

26.—End of heated term of eleven days in Philadelphia, during which occurred over forty fatal cases of sunstroke.

28.—Burning of chemical works at Greenwich Point, Philadelphia.—Death at London of Sir Moses Montefiore, aged 100.

30.—John Cadwalader appointed Collector of Port of Philadelphia.—Maud S. trots in 2.08¾ at Cleveland, O.—Organization at Chicago of barbed-wire manufacturers' pool.

31.—Ex-Surgeon General Wales suspended for five years for neglect of duty.

AUGUST, 1885.

1.—Louis Riel convicted at Winnipeg, Manitoba, of high treason and sentenced to be hanged September 18th.

2.—Half a mile of buildings burned at Toronto, Ont.; loss, $1,000,000.

3.—Cyclone sweeps up Delaware River from Greenwich Point; steamer Reybold wrecked; Camden and Richmond section of Philadelphia devastated; six persons killed and over forty injured.

5.—Explosion of gasoline at 4667 Main Street, Germantown; two persons killed.

6.—Stonecutters' strike in Philadelphia.—General Grant's remains lying in state at New York City Hall.

8.—Funeral of General Grant at New York City; procession of 50,000 to 60,000 men in line.

10.—Proclamation by President Cleveland ordering removal of fences from all public lands.

11.—Twelve miners suffocated by coal gas at Mocanaqua, Pa.—Laura Claxton, kidnapped from Philadelphia, July 11th, found at Chester, Pa.

14.—British Parliament prorogued.—Forepaugh's circus trains wrecked at Eddyville, Iowa.

15.—Resignation of Col. Joseph Barbiere, of U. S. Pension Office.

16.—Death at Philadelphia of James J. Barclay, oldest lawyer at the Philadelphia Bar, aged 91.

17.—Steamer S. M. Felton shattered by dynamite explosion, thirteen injured.

18.—Prestow, Colombian revolutionist, executed at Aspinwall.

20.—Courtney and Conley outrow Gandaur and Hosmer at Albany, three miles, in 17.57¼. —Ohio Democratic Convention nominates Hoadly for Governor.

21.—Yacht Puritan defeats the Priscilla in first trial race.—Suicide at New York of Chas. F. Bleven, of Philadelphia.

22.—Morality demonstration at Hyde Park, London, by 150,000 people.

23.—Seven persons killed in collision on London Underground Railroad.—Mass meeting of citizens of Centre County at Bellefonte to protest against transfer of Beech Creek Railroad to Pennsylvania Railroad Company.

24.—Anti-German demonstration in Madrid over Caroline Islands difficulty.—Killing frost in Minnesota and Dakota.—Smallpox epidemic in Montreal.

25.—Injunctions granted at Harrisburg against the proposed transfer of South Pennsylvania and Beech Creek Railroads to Pennsylvania Railroad Company on application of Attorney-General Cassidy.—Charleston, S. C., swept by a cyclone.—Dynamite explosion at Nineteenth and Callowhill Streets, Philadelphia.

26.—Heavy run begun on Spring Garden Bank, Philadelphia.—Conrad B. Day nomi-

nated by Democrats at Harrisburg for State Treasurer.

28.—Steamer Brandywine runs into and cuts down the barge Coleta at Chestnut Street wharf, Philadelphia.—End of run on Philadelphia Spring Garden Bank.

29.—Glove fight at Cincinnati between Sullivan and McCaffery won by Sullivan on points.—Death at Pittsburg of ex-U. S. Senator Edgar Cowan.

30.—Charles Fields, Sr., of Philadelphia, swindled out of $9500 at bunco by sharpers at Atlantic City.—Suicide of P. T. Meehan by jumping from Girard Avenue bridge, Philadelphia.—Cholera riots in Spain.

31.—Margaret and Ella Holtz, of Hoboken, fatally poisoned by Druggist Amende's mistake; arrest of the latter.

SEPTEMBER, 1885.

1.—Grangers' Twelfth Annual Picnic at Williams' Grove.

2.—Charges of abduction brought against Editor Stead of London *Pall Mall Gazette* and others.—Jockey Moran killed in running race at Brighton Beach.—Massacre of fifty-two Chinese at Rock Springs, Wyoming Territory.

4.—Death at Irvington, N. Y., of Rev. Dr. Stephen H. Tyng, Sr.

5.—Excitement at Madrid over the seizure by Germany of the Island of Yap.

6.—Suicide in Philadelphia of Oscar Parry, aged 11; victim of trashy literature.—Annual festival of Canstatter Society of Philadelphia.

7.—Annual parade in New York City of labor organizations; 15,000 men in line.—Abortive effort to sail the international yacht race between Puritan and Genesta.

9.—Town of Washington Court House, Ohio, demolished by a tornado; six persons killed and fifty injured.—Death at Philadelphia of George L. Harrison, sugar refiner.

10.—Equity proceedings brought by Philadelphia Gas Trust to settle the disposition of $1,908,717.20 surplus.

14.—Yacht Puritan defeats Genesta in first international yacht race by 16m. 19s.—Celebration of Centennial of Dauphin County, Pa.

15.—Novelties Exhibition opened in Franklin Institute buildings, Philadelphia.

16.—Elephant "Jumbo" killed by a locomotive at St. Thomas, Ontario.—Republican City Conventions in Philadelphia.—Walt Whitman, poet, presented by Philadelphia friends with horse and carriage.—Puritan defeats Genesta for the second time by 1m. 36s. over a twenty-mile course.

18.—Purchase by Detroit Club of Buffalo League Ball Club.—Eastern Roumelia revolts and unites with Bulgaria; union of the two provinces proclaimed by Prince Alexander.—Philadelphia cricketers defeat English team by 109 runs.

20.—Centennial temperance celebrations throughout the country.

23.—Ira Davenport nominated by New York Republicans for Governor.—Dorman B. Eaton, Civil Service Commissioner, resigns.—Seventeen persons crushed to death at Christine Nilsson's concert at Stockholm, Sweden.—Reading Railroad files bill in equity against South Pennsylvania transfer.

24.—David B. Hill nominated for Governor by New York Democrats.—Elizabeth Hendricks sentenced at New Brunswick, N. J., to ten years imprisonment and $1000 fine for atrocious assault on ten-year-old Emma Belmont.—Opening of Pennsylvania State Fair at Philadelphia.

26.—English cricketers defeat Philadelphia by 243 runs.—Great labor demonstration at Industrial Hall, Philadelphia.—Secretary Whitney orders League Island Navy Yard closed.

27.—Harry Edwards dies suddenly in barber's chair at 304 North Ninth Street, Philadelphia.

28.—Yacht Genesta wins the Cape May challenge cup.—Anti-vaccination riot in Montreal.—Plans of East-Side Railroad approved by Philadelphia Board of Surveys.

29.—Disastrous floods covering an area of 3500 square miles reported in Bengal, British India.

OCTOBER, 1885.

1.—Beginning of special-delivery system in Post Office.—Six-penny telegram system begun in Great Britain; twelve words for sixpence.—Democratic City Conventions held in Philadelphia.

3.—Injunction refused of Tugboat Owners' Association against East-Side Railroad.—Death in Paris of Fred. Hassenrek, Cincinnati journalist.

4.—Robinson's circus train wrecked on Northern Pacific Railroad; five men killed and forty injured.—Disappearance from Chestnut Hill, Philadelphia, of Paul Thiele, landscape gardener.—Confession at Chicago of John M. Wilson that he murdered Anthony Daly in Montgomery County.

5.—Strike of Philadelphia glassblowers begun.—Rev. Mangasar M. Mangasarian, of Philadelphia, renounced his connection with the Presbyterian Church.

6.—Shootin[illegible] fray at Continental Hotel between A. D. Erlanger and George H. Leonard; the latter wounded.

7.—Rev. J. L. M. Curry, of Virginia, appointed Minister to Spain by President Cleveland.—Cork (Ireland) Steamship Company boycotted by cattle dealers for carrying boycotted cattle.—Veronica Bulla dies at Syracuse, N. Y., after a fifty-nine days fast.—H. B. Plumer appointed Naval Officer of Philadelphia.—Charter House buildings, London, destroyed by fire; loss, $1,500,000.

10.—Death at New York of Cardinal McCloskey; at Hatboro, Pa., of Judge Wm. H. Yerkes, of Philadelphia.—Flood Rock successfully blown up at Hell Gate, East River.

11.—Robert A. White killed by the elephant Empress at Forepaugh's winter quarters, Lehigh Avenue, Philadelphia.—Eighty fishing vessels lost in storm off Labrador coast; 300 men lost.

13.—Ohio elects J. B. Foraker Governor and the rest of the Republican ticket.—Charles P. Rose gouges out Robert Israel's eye with a butcher knife at 723 Vine Street, Philadelphia.—Welsh Baptist Church at Wilkesbarre, Pa., blown down by a gale.

15.—South Mountain Water Company offers to lease Philadelphia Water Works.—Obsequies at New York of Cardinal McCloskey.—Close of testimony before Examiner Weiss on South Pennsylvania and Beech Creek Railroad deal.

16.—Servian troops advance to Bulgarian frontier.—Annie Cutler sentenced at Philadelphia to be hanged for murder of W. H. Knight.—Ferryboat Peerless runs down yawl off Kaighn's Point; Wm. Cooper drowned.—John and Wm. Kester, brothers, killed by tramps at Seybertsville, Pa.

17.—James Gay Gordon, of Philadelphia, appointed Judge of Common Pleas No. 3 in place of Yerkes, deceased.—Seven thousand Christians massacred in Anam.

18.—Nine persons killed and fourteen injured by railroad collision at Hackensack Bridge.—J. W. Atkinson, of Vineland, N. J., found dead by railroad track near Woodbury.—Corner-stone laid at Philadelphia of East Allegheny Avenue M. E. Church.

19.—Fourth National Prison Congress convenes at Detroit, Mich.—Suicide at Philadelphia of Edwin Heft, aged 14, by drowning.—Election of Deputies in France.

20.—Death at Pittsburg of Hon. Malcolm Hay.—Riotous demonstrations at Copenhagen against the King of Denmark and his Cabinet.—Committee of 100 indorses Dallas Sanders for Sheriff of Philadelphia.—Death at Camden, N. J., of Harry G. Richmond, actor.—Disclosures by Chauncey M. Depew of dinner-table conversation with General Grant concerning President Andrew Johnson.

21.—Three miners killed and three fatally injured by gas explosion in a mine at Plymouth, Pa.

22.—Princess Marie, daughter of Duc de Chartres, married to Prince Waldemar, of Denmark.—Troops of British India invade Burmah.—Celebration by descendants of Huguenots of bi-centenary anniversary of revocation of Edict of Nantes.—Caisson overturns at new Gray's Ferry bridge; narrow escape of eight workmen.

23.—Suicide in Independence Square, Philadelphia, of Adolph Preausler.—Unsuccessful attempt to assassinate the Minister of War of Montenegro.

24.—John Teemer defeats Edward Hanlan in three-mile single-scull race at Albany, N. Y., in 21m. 13s.—Collision of cable cars at Forty-first and Market Streets, Philadelphia; four persons injured.

26.—Jury completed and trial begun at New York of Ferdinand Ward for larceny.

27.—Glassblowers of Philadelphia resume work after three weeks strike.—Bursting of coffer-dam of new Baltimore and Ohio bridge at Philadelphia.—President Cleveland announces that he will grant no more interviews to persons seeking office.

28.—Ferdinand Ward convicted at New York of larceny.—Robert J. Cook of Philadelphia *Press* murderously assaulted by Stephen McPherson, who fractures Cook's skull with a hatchet.—Senator John A. Logan speaks at Horticultural Hall, Philadelphia.

29.—Death at Orange Mountain, N. J., of General George B. McClellan.—Unsuccessful attempt at Paris to assassinate M. de Freycinct, Minister of Foreign Affairs.—Bulgarian troops blockade Servian frontier.

NOVEMBER, 1885.

2.—Obsequies of General McClellan at New York.

3.—General elections throughout the country.—André monument at Tappan, N. Y., blown up.—One hundred and ninety-four Chinese driven from Tacoma, Washington Territory.

4.—A. P. Edgerton and W. L. Trenholm appointed Civil Service Commissioners by President Cleveland.

5.—Death at Philadelphia of Commodore James M. Ferguson.—Meeting of citizens to help the Zoological Society.

6.—Police Captains Emery and Schooley and Detective Grey dismissed by Mayor Smith.—Cyclones in Alabama and Texas; eighteen persons killed and much property destroyed.

7.—Steamer Algoma wrecked on Lake Superior; forty-five lives lost.—Disappearance from Roxborough, Philadelphia, of Edwin S. Sutch.

8.—Death at Philadelphia of John McCullough, actor and manager.

10.—Corner-stone laid in Fairmount Park of Schiller monument.—British India declares war against Burmah.

11.—Assembly at Chicago of National Conference of Free Traders and Revenue Reformers.

12.—John McCullough's obsequies at St. George's Hall, Philadelphia.

13.—Fifty-two blocks of buildings burned at Galveston, Texas; loss, $1,500,000.—Burning of Jacob J. Plucker's furniture factory, Philadelphia.—Death at San Francisco of ex-Senator William Sharon.

14.—War declared between Bulgaria and Servia.

16.—Louis Riel hanged for high treason at Regina, Northwest Canada.

17.—Changes made in Philadelphia offices of Postmaster, Surveyor, and Shipping Commissioner.

18.—Works of Philadelphia Lubric Company burned; six men killed by explosion of oil still.—Daft Electric Motor tested on New York Elevated Railroad with a train of cars.—Mortgage creditors of Reading Railroad ask United States Court for foreclosure decree.

19.—Tenth Annual Convention at New York of National Base-ball League.—Emanuel Carpenter, aged 23, crushed by a locomotive at Swanson Street and Washington Avenue, Philadelphia.—Death at Philadelphia of Ettore Barili, professor of music.

20.—Test of electric motor car on Ridge Avenue Railroad, Philadelphia.—Eight thousand buildings and twenty-two lives destroyed in Philippine Islands by a cyclone.

21.—Baltimore and Ohio Railroad secures control of Staten Island Rapid Transit Railroad with entrance into New York.

22.—Two thousand persons drowned and 150 villages submerged by a cyclone in Odessa, East India.—John Sharpless, Jr., murdered at Waterville, near Chester, by a blow with an axe.

23.—Ferdinand Ward, W. S. Warner and T. H. Work indicted by United States grand jury at New York for conspiracy to defraud Marine Bank.

24.—High tides and damage to property along New Jersey coast.—Servians driven across Bulgarian frontier.—Earthquake shocks in Spain.

25.—Death of King Alfonso XII. of Spain at Madrid; of Vice-President Thomas A. Hendricks, suddenly, at Indianapolis, Ind.—Four persons killed by fall of a building in Jersey City.—House 629 North Thirty-sixth Street, Philadelphia, collapses suddenly at night.—Prohibition carried by 225 majority at Atlanta, Ga.—King Milan, of Servia, proposes peace to Prince Alexander, of Bulgaria.

26.—Thanksgiving Day.

27.—Warren S. Yates, Yale student, carried out to sea in an open boat and frozen to death.—King Thebaw, of Burmah, abandons Mardelay and British forces take possession.

28.—Armistice concluded between contending forces of Servia and Bulgaria.—Close of Fair of State Fencibles at Philadelphia.

30.—King Thebaw, of Burmah, surrenders to British forces under General Prendergast.—Head of Robert Goodale torn off at Norwich, England, during his execution by hanging.—Postmaster W. F. Harrity takes formal possession of the Philadelphia office.

THE LIBERTY BELL

AND ITS SUCCESSORS IN THE STATE HOUSE.

THE bell which announced the Declaration of Independence was ordered by the Superintendents of the State House from the Agent of the Province in London in 1751. It was required to weigh about two thousand pounds, and to be lettered with the following words, "well-shaped in large letters":

"By order of the Assembly of the Province of Pennsylvania, for the State House in the City of Philadelphia. 1752;" and underneath, "Proclaim liberty throughout all the land unto all the inhabitants thereof."

The bell arrived at the end of August, 1752. Early in September, however, it was cracked by a stroke of the clapper, without any other violence, and thereupon recast by Pass & Stow, in Philadelphia, and again hung, in 1753. This recasting was not satisfactory, and the founders obtained the privilege of recasting the bell. In June, 1753, it was hung in the State House once more.

Its diameter is five feet at the lip, and in the thickest portion it is three inches through. Its weight is 2080 pounds. It is lettered in a line entirely encircling the crown, with the sentence:

PROCLAIM LIBERTY THROUGHOUT ALL THE LAND UNTO ALL THE INHABITANTS THEREOF, LEV. XXV. V. X.

Immediately under this sentence, also in a line completely encircling the bell, are the following words:

BY ORDER OF THE ASSEMBLY OF THE PROVINCE OF PENNSYLVANIA FOR THE STATE HOUSE IN PHILADA.

PASS & STOW
PHILADA.
MDCCLIII.

August 27, of 1753 (afternoon), the bell was first rung to call the Assembly together.

Near noon of July 8, 1776, the bell was rung for the proclamation of the Declaration of Independence. The reading took place in Independence Square in an open space near the rear of the central door of the State House.

In September, 1777, when the American forces were about leaving Philadelphia, the bell was taken down and wagoned to Allentown, where it remained until after the evacuation of the city by the British, June 18, 1778.

It was then brought back to the State House, but was not restored to its former place in the steeple, and was rung thereafter only on popular occasions. It was set in a wooden frame on the first floor of the tower. From this place it was removed into the chamber of the Declaration and set on a pedestal. In 1775 it was placed in the Hall in its old frame, where it remained until 1877, when it was hung by a chain of thirteen links from the ceiling of the south entrance to the Hall.

When the Liberty Bell was retired from active duty another bell was procured to strike the hours. It was subsequently moved to St. Augustine's Catholic Church.

In 1828 a contract for a new bell was given to John Wilbank, a bell-founder of Philadelphia, and on the 11th of September, 1828, this bell was completed and placed in position in the new steeple. Its total weight was 4275 pounds, and its cost $1923.75. It was unsatisfactory to the people, and was recast and placed in position once more December 27, 1828. Its weight was then 4600 pounds. It was struck for the first time December 30, 1828, and chronicled the hours from that time until the close of the century in 1876.

The great crack in the side of the Liberty Bell was made on July 8, 1835, just fifty-nine years to a day after it had proclaimed independence throughout the land.

John Marshall died in this city on July 6, 1835, and his remains were on the 8th borne to Virginia for burial. The Bar of Philadelphia united with their fellow-citizens to do honor to his memory. With them walked, with the faltering steps of extreme old age—his eighty-eighth year—the venerable Bishop White, the first chaplain to the Assembly of our State and to the Congress of the Revolution. It was during the funeral solemnities that the bell, while slowly being tolled, suddenly cracked, and its notes were hushed forever.

From 1835 the new bell was the sole chronicler of the events commemorated in that hall and square until its great successor took its place in the year 1876—events of no less significance to the nation, and influence over the world, than those chronicled by its more illustrious predecessor. The last time it was struck on any public occasion in that place was the 22d of February, 1876, on the occasion of the anniversary of the birth of Washington.

In 1876 Henry Seybert, a citizen of Philadelphia, presented another bell, together with a clock, to the municipality. It was cast on April 22d. On July 4th, 1876, Mr. Seybert presented the bell to the city.

It is composed of a mixture of seventy-eight per cent. of Atlantic mine, Lake Superior copper, and twenty-two per cent. of tin; with these was fused the metal of two cannon used in the War of Independence, one by the British and one by the Americans, at the battle of Saratoga, and of two cannon used in the war of the Union, one by the army of the Nation and the other by the Confederates, at the battle of Gettysburg. One hundred pounds was used of each cannon.

The bell is seven feet high, measures twenty-three and a half feet around its circumference at the sound bow; the thickness is seven inches at the mouth. It weighs thirteen thousand pounds. The clapper is

nickel plated, and weighs three hundred pounds. Around the crown of the bell is the inscription:

GLORY TO GOD IN THE HIGHEST, AND ON EARTH PEACE, GOOD WILL TOWARD MEN.—LUKE, CHAPTER II, VERSE XIV.

On one side is the following:

PRESENTED TO THE
CITY OF PHILADELPHIA,
JULY 4, 1876,
FOR THE BELFRY OF
INDEPENDENCE HALL,
BY A CITIZEN.
MENEELY & KIMBERLY,
FOUNDERS, TROY, N. Y.

Beneath, around the whole circumference of the bell, is a circle of thirty-eight stars, representing the number of States at the time it was placed there. Under these stars is the inscription from the old Liberty Bell:

PROCLAIM LIBERTY THROUGHOUT ALL THE LAND, UNTO ALL THE INHABITANTS THEREOF.—LEVITICUS, CHAPTER XXV. VERSE X.

The whole surface of the bell is lustrous in the sunlight; its inscriptions shine out like letters in gold; the clapper closely resembles silver. It is undoubtedly what its predecessor was in its time, the finest bell in America.

An important incident in the history of the Liberty Bell was its exhibition at the New Orleans Exposition. On November 22, 1884, Hon. J. V. Guillotte, Mayor of the Crescent City, by direction of the City Council, wrote to Mayor Wm. B. Smith, asking for the loan of the bell. He said: "I am sure that its care and safety will be the anxious thought of all our citizens, who, notwithstanding all the reports as to their seditious feelings against the unity of our Government, are, without fear of contradiction, as affectionate to the traditions of our country, the real republic of the World, and are as true believers in its laws and constitution, in fact, as patriotic Americans, as their more favored brothers of the North. Your consent to the temporary absence of this reminder of our forefathers' valor, to be used in heralding the greatest occasion of our city, will tend greatly to heal the unfortunate estrangement that has existed between our people for the past twenty years."

Mayor Smith recommended that the request be granted, and City Councils, on the 23d day of December, complied. The Mayor of Philadelphia, a committee of Councilmen, with Robert L. Pyle as chairman, and Wm. Dixey, Esq., Commissioner of City Property, left with the bell on Tuesday, January 23, 1885, arriving at New Orleans at noon on the Monday following. At all the cities through which the train passed the people crowded the stations and testified their pleasure by cheers. The bell remained at New Orleans, under the custody of three Philadelphia policemen, for several weeks. It was returned to this city, under escort of Mayor Guillotte and a committee of Councilmen and firemen of New Orleans, and there was a parade and several days of festivity.

The Liberty Bell now hangs from the roof in the southern side of Independence Hall, and over the corridor running from Chestnut Street to the square.

Much of the information in this article will be found in Mayor Smith's Annual Report for 1884.

HOW WE ARE MADE.

According to Professor Huxley's table, a full-grown man should weigh 154 pounds, made up thus: Muscles and their appurtenances, 68 pounds; bony skeleton, 24 pounds; integument, 10½ pounds; fat, 28 pounds; brain, 3 pounds; viscera of thorax, 3½ pounds; abdominal viscera, 11 pounds; blood, which would drain the body, 7 pounds. He should consume, per diem, beefsteak, 5000 grains; bread, 6000 grains; milk, 7000 grains; potatoes, 3000 grains; butter, 600 grains; water, 22,900 grains. His heart should beat 75 times per minute; he should breath 15 times per minute. In 24 hours he should vitiate 1.750 cubic feet of air to the extent of 1 per cent. He should throw off by the skin 18 ounces of water, 400 grains of solid matter, and 400 grains of carbonic acid every 24 hours, the total loss in that period of time amounting to six pounds of water and over 2 pounds of other matter.

CONTINUED COMA.

It is well known, says the *Medical World*, that coma may sometimes last for considerable periods, and may at times, even to the practiced eye, wear very much the same aspect as death. Its association with convulsions, in children especially, may be mistaken, by anxious onlookers, for rigor mortis. It is a fact that hardly any one sign short of putrefaction can be relied on as infallible, though in actual death one may confidently reckon on the co-existence of more than one of these signs. Besides rigor mortis, the entire absence of which even in those deaths which are said not to show it, we take leave to doubt, the post-mortem lividity of dependent parts affords sure proof, as its absence suggests a doubt, of death. Probably most physicians are wont to rely upon the stethoscopic evidence of heart and lung action; and these, indeed, are nearly always sufficient to decide the question of vitality, if they be closely watched for a couple of minutes.

SOIL AND ATMOSPHERE IN DISEASE.

Thick, sodden clay soils are always pernicious to persons afflicted with rheumatic, neuralgic or pulmonary diseases, intermittent fevers, and all disorders of the "ague" type, and in such cases little good can be effected by remedial treatment so long as the patient vegetates over ground of this nature. Removal to a dry sandy soil is the first condition of cure. Moreover, moist atmospheres favor the development of obesity, dry atmospheres of leanness—because less evaporation occurs from the tissues in humid atmospheres, and liquid is a main factor in the elaboration of corpulence.

THE AVERAGE RAINFALL in the United States ranges from 123.35 inches at Neah Bay, Washington Territory, to 6.11 inches at Fort Garland, Col. For Philadelphia the average is 44.05 inches.

OUR PUBLIC LAND SYSTEM.

The public lands of the United States which are still undisposed of and open to settlement lie in nineteen States and eight Territories. In each case, except Ohio, Indiana, Illinois, the Indian Territory and Alaska, land offices are established in charge of an officer known as the Registrar of the Land Office, where records of all surveyed lands are kept, and applications concerning lands in each district are filed and inquiries answered. The public lands are divided into two great classes. The one class have a dollar and a quarter an acre designated as the minimum price, and the other two dollars and a half an acre—the latter being the alternate sections reserved by the United States in land grants to railroads, etc. Titles of these may be acquired by private entry or location under the homestead, pre-emption and timber-culture laws, or, as to some classes, by purchase for cash, in the case of lands which may be purchased at private sale or such as have not been reserved under law. Such tracts are sold on application to the Land Registrar, who issues a certificate of purchase, the receiver giving a receipt for the money paid, subject to the issue of a patent or complete title if the proceedings are found regular by the Commissioner of the General Land Office at Washington.

Entries under land warrants (given mostly for military services under acts of Congress) have fallen off very largely by the absorption of such warrants, there having been no military bounty-land warrants provided for on account of services in the late war. Entries under the pre-emption law are restricted to heads of families, or citizens over twenty-one, who may settle upon any quarter section (160 acres), and have the right of prior claim to purchase, on complying with certain regulations.

The homestead laws give the right to one hundred and sixty acres of a dollar-and-a-quarter lands, or to eighty acres of two-dollar-and-a-half lands, to any citizen or applicant for citizenship over twenty-one who will actually settle upon and cultivate the land. This privilege extends only to the surveyed lands, and the title is perfected by the issue of a patent after five years of actual settlement. The only charges in the case of homestead entries are fees and commissions, varying from a minimum of $7 to a maximum of $34 for the whole tract entered, according to the size, value, or place of record.

Another large class of free entries of public lands is that provided for under the Timber-Culture Acts of 1873-78. The purpose of these laws is to promote the growth of forest trees on the public lands. They give the right to any settler who has cultivated for two years as much as five acres in trees to an eighty-acre homestead, or, if ten acres, to a homestead of one hundred and sixty acres, and a free patent for his land is given him at the end of three years instead of five. The limitation of the homestead laws to one hundred and sixty acres for each settler is extended in the case of timber-culture, so as to grant as many quarter sections, of one hundred and sixty acres each, as have been improved by the culture, for ten years, of forty acres of timber thereon; but the quarter sections must not lie immediately contiguous. The fees and commissions in timber-culture entries vary from $13 to $18 for the tract.

Following is a list of United States Land Offices:

Alabama.—Huntsville, Montgomery.

Arkansas.—Little Rock, Camden, Harrison, Dardanelle.

Arizona Territory.—Prescott, Florence.

California. — San Francisco, Marysville, Humboldt, Stockton, Visalia, Sacramento, Los Angeles, Shasta, Susanville, Bodie.

Colorado.—Denver, Leadville, Central City, Pueblo, Del Norte, Lake City.

Dakota. — Mitchell, Watertown, Fargo, Yankton, Bismarck, Deadwood, Grand Forks.

Florida.—Gainesville.

Idaho Territory.—Boise City, Lewistown, Oxford.

Iowa.—Des Moines.

Kansas.—Topeka, Salina, Independence, Wichita, Kirwin, Concordia, Larned, Wakeeny.

Louisiana.—New Orleans, Natchitoches.

Michigan.—Detroit, East Saginaw, Reed City, Marquette.

Minnesota.—Taylor's Falls, St. Cloud, Duluth, Fergus Falls, Worthington, Crookston, Benson, Tracy, Redwood Falls.

Mississippi.—Jackson.

Missouri.—Boonville, Ironton, Springfield.

Montana Territory.—Helena, Bozeman, Miles City.

Nebraska.—Norfolk, Beatrice, Lincoln, Niobra, Grand Island, North Platte, Bloomington.

Nevada.—Carson City, Eureka.

New Mexico Territory.—Santa Fe, La Mesilla.

Oregon.—Oregon City, Rosebury, Le Grande, Lake View, The Dalles.

Utah Territory.—Salt Lake City.

Washington Territory.—Olympia, Van Couver, Walla-Walla, Colfax, Yakima.

Wisconsin.—Menasha, Falls of St. Croix, Wausaw, La Crosse, Bayfield, Eau Claire.

Wyoming Territory—Cheyenne, Evanston.

From the report of the Commissioner of the General Land Office for 1885 it appears that during the last fiscal year the sales, entries, and selections of public land under various Acts of Congress relating thereto embrace 20,113,663.37 acres, and of Indian lands 881,850.21 acres, making a total of 20,995,513.58 acres, being a decrease, as compared with the year 1884, of 6,535,656.41 acres, and an increase over the year 1883 of 1,565,480.78 acres.

Among the classes, in acres, were the following:—Public sales, 3,098.76; private entries, 473,023.84; pre-emption entries, 2,311,296,71; timber and stone land entries, 139.301.93; desert-land entries, 928,250.06; mineral-land entries, 35,215.02; coal-land entries, 3,675.19; town-site entries, 60.34; abandoned military reservations, 1,318.89; homestead entries (original), 7,415,885.53; timber-culture entries (original), 4,755,005.57; entries with military bounty-land warrants, 26,833.18; railroad selections, 3,558,914.10; Indian homestead entries, 3.637.77; entries with agricultural college scrip, 961.83; entries with private land-claim scrip (Supreme Court), 7,944.37; entries with Valentine scrip, 400.00.

WHAT THE DIRECTORY SHOWS.

Below is given the number of citizens of Philadelphia engaged in the various business and professional callings, as shown by the City Directory for 1885:

Architects	63	Lawyers	1279
Artists	284	Lithographers	45
Bakers	1130	Livery stables	251
Banks	40	Lumber dealers	147
Bankers and brokers	260	Machinists	237
Blacksmiths and horse shoers	360	Maltsters	7
Boarding houses	1521	Manufacturers of cotton, woolen & worsted goods	159
Boat and ship builders	23	Manufacturers of cotton, woolen & worsted yarns	144
Book and job printers	264	Marble dealers and workers	119
Boot and shoe dealers	2040	Milk dealers	897
Brass founders	52	Millers	337
Brewers	78	Milliners	327
Bricklayers	158	Musicians	125
Cabinet makers	123	Newspapers and periodicals	248
Carpenters and builders	601	Oil companies	4
Carpet manufacturers	344	Oil manufacturers and dealers	106
Carpet dealers	68	Opticians	29
Carriage builders	158	Paper box manufacturers	42
Caterers	78	Paper hangers	241
Cigar stores	2507	Pawnbrokers	74
Civil engineers	61	Phrenologists	5
Clergymen	950	Physicians	1730
Coal dealers	296	Photographers	105
Contractors	319	Plumbers	378
Confectioners	818	Produce commission merchants	640
Dealers in house-furnish. goods	160	Publishers	258
Dealers in china, glass and earthen ware	260	Restaurants	422
Dentists	326	Retail dry goods stores	502
Draymen	245	Retail liquor dealers	3539
Drovers	132	Retail grocers	3902
Druggists	701	Savings funds	5
Electricians	20	Sculptors	9
Express co.'s	140	Shipping and commission merchants	248
Fire insurance companies	20	Shirt manufact.	77
Fire and marine insurance co.'s	5	Stationers	198
Flour, feed and grain dealers	361	Stenographers	38
Furniture dealers	311	Stove and range warehouses	211
Gas and electric light co.'s	21	Tanners and morocco manufacturers	70
Gentlemen's furnishing stores	280	Teachers of languages	79
Geologists	12	Teachers of music	360
Hosiery manufacturers	135	Trust companies	7
Hotels	160	Undertakers	191
Insurance agents	240	Veterinary surgeons	58
Jewelers	139	Watchmakers	212
Lager beer sal'ns	2037	Wholesale grocers	86
Lamp dealers	58	Wholesale dry goods stores	104
Laundries	275		
Layers out of the dead	35		

THE FIRST GREENBACK DOLLAR

Is in the possession of Edward Slocum, of New Richmond, Allegan co., Mich. It is dated August 1, 1862, marked Series A, No. 1. Mr. Slocum was a soldier in the army, and the bill in question was paid to him by the Paymaster as part of his wages as a boy in blue.

GROWTH OF CHRISTIANITY.

Dr. Dorchester makes the following estimate:

PROTESTANT FOREIGN MISSIONS—NUMBER OF CHRISTIAN CONVERTS IN THE WORLD.

	A. D. 1830.	A. D. 1850.	A. D. 1880.
North America	60,000	97,769	125,331
Asia	3,069	35,580	245,686
Africa	2,608	21,659	164,704
Oceanica	2,167	48,999	128,696

POPULATION UNDER CHRISTIAN GOVERNMENTS.

A. D. 1500 . 100,000,000 A. D. 1830 . 388,000,000
A. D. 1700 . 155,000,000 A. D. 1876 . 685,000,000

NOMINAL CHRISTIANS IN THE WORLD.

A. D. 400	10,000,000
A. D. 800	30,000,000
A. D. 1000	50,000,000
A. D. 1500	100,600,000
A. D. 1800	200,000,000
A. D. 1880	410,000,000
A. D. 2000	1,200,000,000

at same rate of progress.

AREA OF THE EARTH.

(52,062,470 square miles.)

	A. D. 1500. Sq. Miles.
Possessed by Pagans and Mohammedans	48,284,687
" " Christians	3,777,783
	A. D. 1880.
" " Pagans and Mohammedans	19,642,850
" " Roman Cath.	9,304,305
" " Greek Ch'ch.	8,778,128
" " Protestants	14,337,187
" " Christians	32,419,620

POINTS FOR BETTERS.

If A bets B that he (A) will beat a certain record and only ties, then A loses. If A bets B that he (A) will beat him at a single game, and the result is a tie, the bet is drawn. The distinction is easily understood. When A bets B that he (A) will win, B is understood to bet the converse, that he (B) will win. If there is a tie each loses his bet, as the tie is not to be played off (as neither wins), and the bet is drawn. If at dice A bets B that he (A) will beat sixteen in three throws, the converse is simply that he will not. B does not bet that he (B) will beat sixteen in three throws. There can be no tie. Only one man can lose. Either A or B must win. To make a tie and a draw both men must lose, which in such bets is an impossibility.

HOW TO SEE WIND.

Choose a windy day, whether hot or cold, clear or cloudy—but not when there is rain or the air is murky; in other words, let the atmosphere be dry and clear. Now take a polished metallic surface of two feet or more with a straight edge—a large hand-saw will answer the purpose very well. Hold it at right angles to the direction of the wind—that is, if the wind be north, hold your surface east and west, inclining it about forty-five degrees to the horizon, so that the wind striking against it may flow over the edge. Now sight carefully over the edge at some minute and sharply-defined object, and you will see the air flow over as water flows over a dam. The result is even better when the sun is obscured.

THE UNITED STATES NAVAL ACADEMY AT ANNAPOLIS.

The United States Naval Academy was opened October 10, 1845, and the credit of its foundation is attributed to Hon. George Bancroft, then Secretary of the Navy under President Polk. The course of instruction, designed to train midshipmen for the Navy, at first occupied five years, of which three were passed at sea. Various changes have been made in the course of instruction, which was made seven years in 1850, four years in 1851, and six years (the last two of which are spent at sea) March 3, 1873, where it now remains. The Naval Academy, first located at Annapolis, Md., was removed to Newport, R. I., in May, 1861, but re-established at Annapolis in September, 1865, where it now is, occupying lands formerly known as Fort Severn. The Academy is under the direct care and supervision of the Navy Department. There are to be allowed in the Academy one naval cadet for every member or delegate to the House of Representatives, appointed at his nomination, one for the District of Columbia, and ten appointed at large by the President. The number of appointments which can be made is limited by law to twenty-five each year, named by the Secretary of the Navy after competitive examinations, the cadets being from fourteen to eighteen years of age. The successful candidates become students of the Academy and receive the pay of naval cadets—$500 per annum. Cadets who graduate are appointed in the order of merit to the lower grades of the line and engineer corps of the Navy, and of the marine corps, as fast as vacancies occur. But such appointments cannot be made in excess of vacancies, and graduates who receive no appointments get an honorable discharge with one year's sea pay. The course of instruction is thorough, involving a close pursuit of mathematics, steam engineering, physics, mechanics, seamanship, ordnance, history, law, etc. The whole number of students in 1884 was 190. The graduating class of 1884 numbered 54 members.

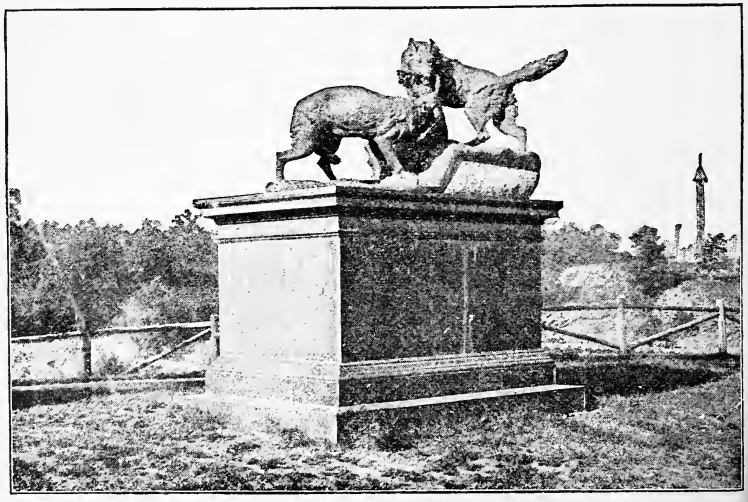
ELECTRICITY.

The science of electricity owes its name to an observation attributed by Diogenes Laertius to Thales, who flourished as the Franklin of the period about 500 B. C. The observation in question was, that when amber was rubbed it acquired the power of attracting light bodies, and from the Greek name of amber comes our electricity.

OUR ALMANAC.

Great care has been taken this year to make THE RECORD ALMANAC exceptionally excellent. The illustrations are of a high order of merit. "The Artists" is from a painting by G. Eberhard Stammel, of Duren, whose "Village Blacksmith" and "Bookworm" have attained world-wide fame. "Springtime" is a good illustration of the method of Hans Makart, of Munich, whose "Catharine of Cornaro Receiving the Homage of the Venetians" was much admired at the Centennial Exhibition. "Little Chicks" is by Antonio Rotta, of Venice, a genre painter of rare power; and in "A Shady Pool" is shown a pleasing example of the work of Peter Moran, of Philadelphia. All of the other pictures in this Almanac are from photographs by E. L. Carolus and A. Walmsley, of Philadelphia, reproduced by the Ives process by Messrs. Crosscup & West, of No. 715 Arch street.

The composition and electrotyping for the Almanac were done by The MacKellar, Smiths & Jordan Co., world-famous as type founders, Nos. 606–614 Sansom street, and the presswork was by Messrs. McCalla & Stavely, Nos. 237–239 Dock street, Philadelphia.



BRONZE GROUP, LANSDOWNE DRIVE, FAIRMOUNT PARK.

THE PHILADELPHIA RECORD.

AVERAGE CIRCULATION FOR THE YEAR 1885:

DAILY (EXCEPT SATURDAY) . . . . OVER **105,000**
SATURDAY (DOUBLE SHEET) . . OVER **112,000**
SUNDAY . . . . . OVER **31,000**

THE CHEAPEST ADVERTISING MEDIUM IN THE UNITED STATES.

THE RATES FOR ADVERTISING,

EXCEPT THAT INTENDED FOR SATURDAY'S ISSUE EXCLUSIVELY, ARE:

25 c. per Agate Line for Displays. } Ordinary.	Discounts.
20 c. " " without Display. }	2½ per cent. on 26 Insertions.
30 c. " " Before Marriages and Deaths.	5 " " 52 "
50 c. " " Fourth Page Local Notices.	6¼ " " 78 "
$1.00 " " Pure Reading Matter.	7½ " " 156 "
No Discount Under Twenty-six Insertions.	10 " " 312 " Daily One Year.

EXCLUSIVELY FOR SATURDAY'S ISSUE:

25 c. per Agate Line, either with or without Display.	Discount, 2½ per cent. on 26 Insertions.
	" 5 " " on 52 "

SEVEN AVERAGE WORDS, WITHOUT DISPLAY, CONSTITUTE A LINE.

SUNDAY RATES—No Discounts:

ORDINARY, SOLID OR DISPLAYED, . . .	12 Cents per Agate Line.
BEFORE MARRIAGES AND DEATHS, . . .	20 " " "
READING NOTICES, ...	30 " " "
PURE READING MATTER, ...	50

THE FOLLOWING ARE THE SUBSCRIPTION RATES TO THE RECORD BY MAIL:

TERMS, CASH IN ADVANCE.

ONE YEAR, ...	$3.00	THREE MONTHS, ...	.75
SIX MONTHS, ...	1.50	TWO MONTHS, ...	.50
FOUR MONTHS, ...	1.00	ONE MONTH, ...	.30

SATURDAY'S DOUBLE-SHEET RECORD.

MAILED SEPARATELY.

ONE YEAR, ...	$1.00	SIX MONTHS, ...	.50

THE SUNDAY RECORD.

ONE YEAR, ...	$1.00	THREE MONTHS, ...	.25
SIX MONTHS, ...	.50	TWO MONTHS, ...	.20
FOUR MONTHS, ...	.35	ONE MONTH, ...	.10

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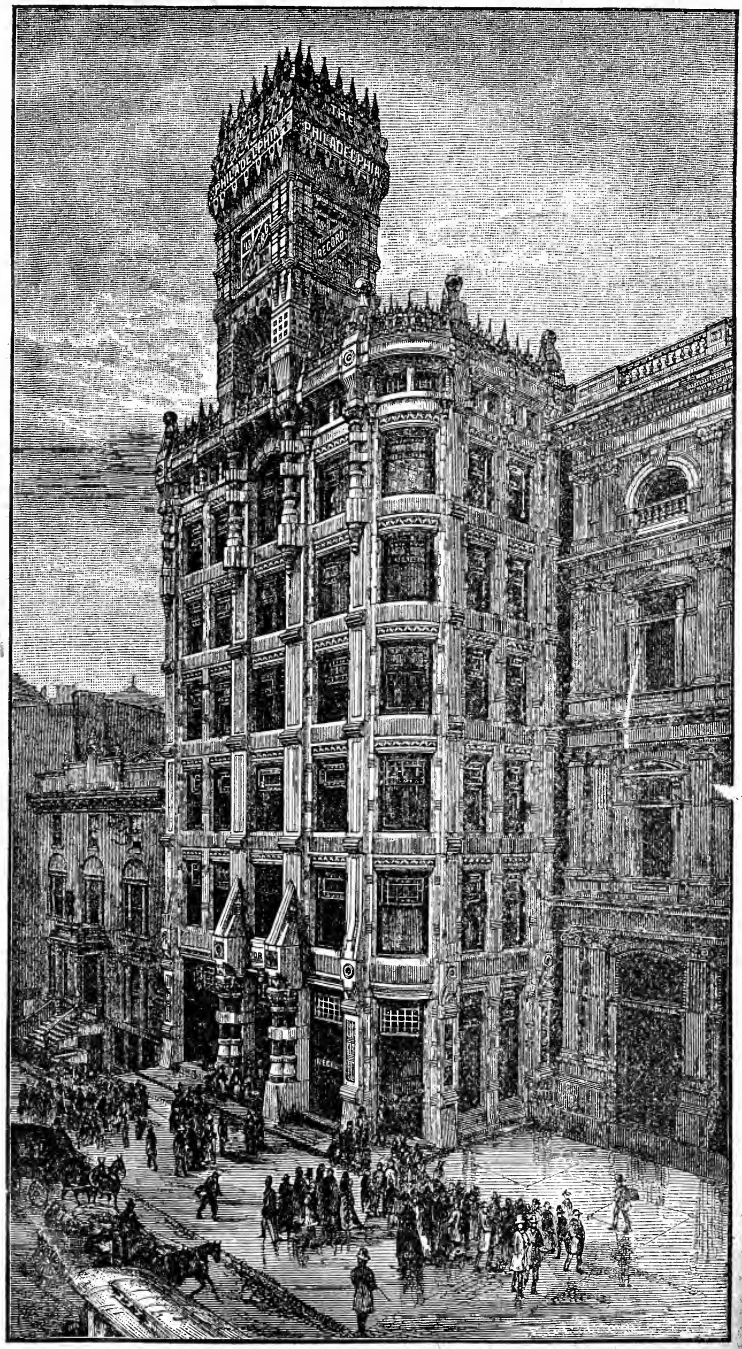
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